HOLSTEIN-FRIESIAN WORLD

EASTERN EDITION

VOL. XI. LACONA, N. Y., JUNE 6, 1914 NO. 12

MADAM POSCH PAULINE—Butter 7 days, 34.09; milk, 802.90. The champion aged cow of Canada. Owned and developed by Colony Farm, Coquitlam, B. C.

Bonalevo Herd Sires

ADMIRAL WALKER PONTIAC, the best son of the $50,000 sire, King Segis Pontiac Alcartra, and the greatest bred bull in the world. His thirteen nearest dams average over 30 lbs. of butter in seven days.

KING QUALITY, from the youngest family of three generations of thirty pound cows. His four nearest dams average 32 lbs. of butter and 595 lbs. of milk in seven days with an average of 4.32 per cent fat.

We have for sale several young sires that are ready for service, sired by King Quality and from heavy producing dams with good A. R. O. records.

Write us and we will be pleased to send charts and prices of these young sires.

BONALEVO FARMS

R. E. CHAPIN & SON BOX C BATAVIA, N. Y.

King of the Black and Whites

The Bull Carrying the Blood of 3 Families
Having 3 Generations of 30-lb. Cows

The only bull whose 7 nearest dams have records that average 31.04 lbs. butter in 7 days, and 6 of them 30-lb. cows, and the average 30-day records of those 6 is 126.58 lbs., which is the greatest of any bull of the breed.

The only bull that has sired two 30-lb. cows that have each produced a 30-lb. daughter that have also produced 30-lb daughters. Appears three times in the pedigree of King of the Black and Whites, giving him the strongest transmitting blood of any bull of the breed.

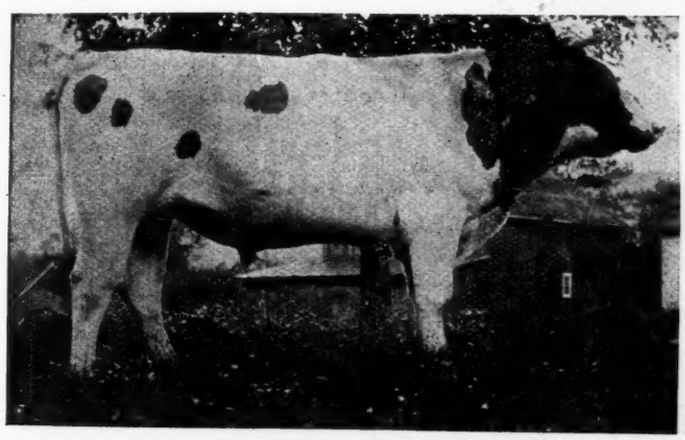
A few bull calves from high record dams, sired by this sire, for sale.

State about what you wish to pay and we will describe the best bull we can sell for the money.

A. A. Hartshorn Holstein Co.

HAMILTON, N. Y.

Tidy Abbekerk Prince
No. 37770



Five Thirty Pound Daughters

Produced these in less than as many months.

He is an Is-er of to-day and he will be an Is-er of the future.

He will be mated with some of the best members of the Westover and Brookside Herds.

Service fee $100 on a limited number of approved cows.

Watch our ad. It's going to change.

HENRY LATHROP & SONS
SHERBURNE, N. Y.

STEVENS BROTHERS COMPANY
LIVERPOOL, N. Y.

Great Yearly Milk and Butter Cows Our Specialty

—

Result of Two Years Semi-Official Testing

RIVERSIDE SADIE DE KOL BURKE

Average Milk 6 mo. 100.4 lb. daily
Milk 1 yr. 28,826.4 Butter 1085.13
Milk 2 yr. 54,808.2 Butter 2065.29
Butter 7 days 32.29 30 days 130.14
Milk 30 days—Average per day 124.5

ARALIA DE KOL, AT 12½ YEARS
First 28,000-lb. Cow

Milk 1 yr. 28,090.0 Butter 1142.32
Milk 2 yr. 50,993.4 Butter 2103.04
Butter 7 days 30.14 30 days 122.30
Milk 30 days—Average per day..... 102.3

6 Cows Average	Butter	1005.01	Milk	23,109.4
15 Cows Average	Butter	901.40	Milk	20,525
40 Cows Average	Butter	776.22	Milk	18,160
50 Cows (including 13 2 yr-olds)	Butter	736.36	Milk	17,350

Head your herd with a bull whose dam and sire's dam are 30-lb cows with 1000-lb. yearly records. The future market is going to be for yearly record stock. We offer several calves with such backing, also two or three whose three nearest dams average 1000 lbs. butter and around 25,000 lbs. milk. They are splendid individuals, combining great dairy type, transmitting ability, and heavy production.

Write us for prices and pedigrees.

A. W. MORRIS & SONS CORPORATION :: Woodland, California

BE SURE TO MENTION THE WORLD

SPRING FARM HERD

The home of the $15,000 bull, Spring Farm Pontiac Cornucopia 77172, and his full brother, King Korndyke Pontiac Lass No. 115585.

I now offer

A Son of King Korndyke Pontiac Lass

from a 21.7-lb. junior 2-yr-old daughter of the great Spring Farm King Pontiac, whose first four daughters to freshen average over 20 lb. as junior 2-yr-olds. The six nearest dams of this calf average 33.56 lb., counting his own dam with 21.70; counting her out, the next five average 36.08 lb. The four line dams on the dam's side have records as follows: 21.70 junior 2-yr-old, 29.51 junior 4-yr-old, 34.89 full age, 21.00 lb. as a 12-yr-old never tested before.

Where can you beat it? Address

FRANCIS M. JONES, Clinton, Oneida Co., N.Y.

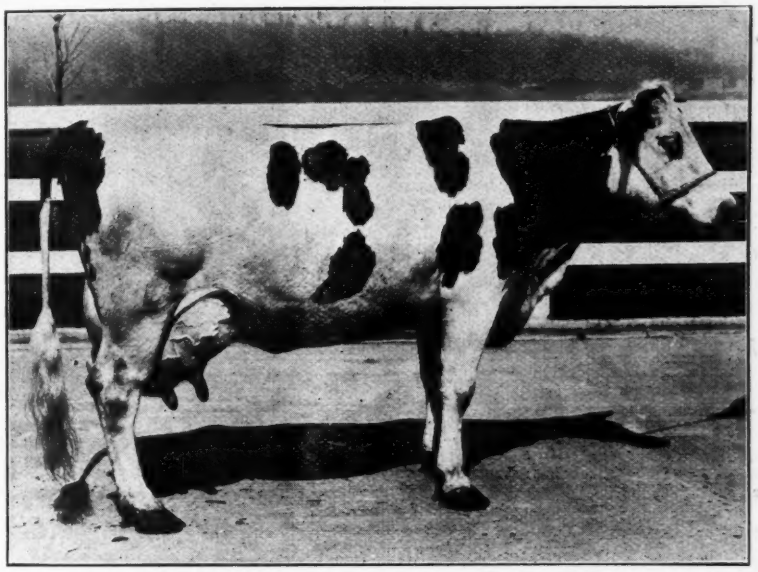
Holstein-Friesian World

Vol. XI LACONA, N. Y., JUNE 6, 1914 No. 23

Colony Farm—In the Far Northwest

By M. S. Prescott

WHETHER it is due to the general atmosphere, or to the skill of the men in charge, it seems to be a fact that Holsteins thrive in the environment of asylums for the insane. The Pontiac State Hospital at Pontiac, Michigan, is perhaps the most widely known of these institutions, through the famous "Pontiacs" which were there originated. The Traverse City State Hospital, at Traverse City, Michigan, is another institution made famous by its Holsteins. It was here that Pontiac Butter Boy, Changeling, and Traverse Princess Weg made Holstein history.



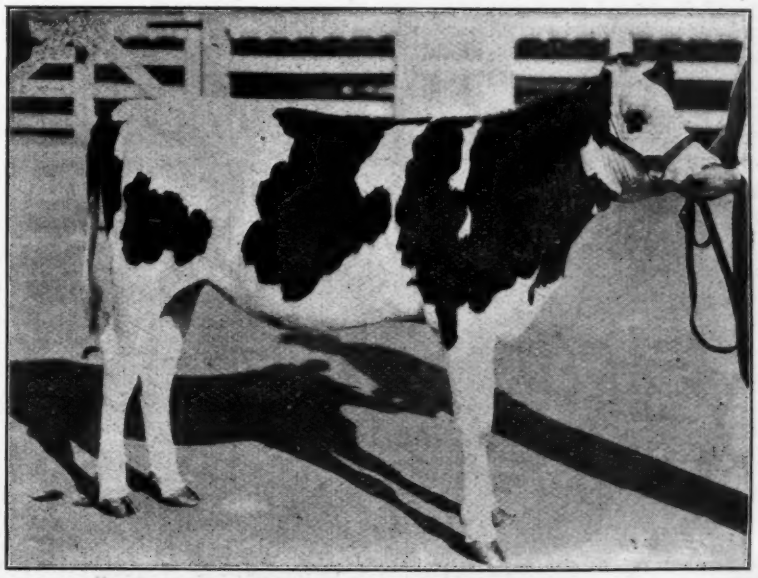
ZARILDA CLOTHILDE 3d DE KOL—World's Champion 4-yr-old milk producer. Owned and developed by Colony Farm, Coquitlam, B. C.

Another institution of this sort, whose Holsteins rank fully as high as either of those mentioned is the Mental Hospital of Mount Coquitlam, B. C., owned by the government of the province, whose Colony Farm Holsteins are winning renown both in the show ring and in official tests.

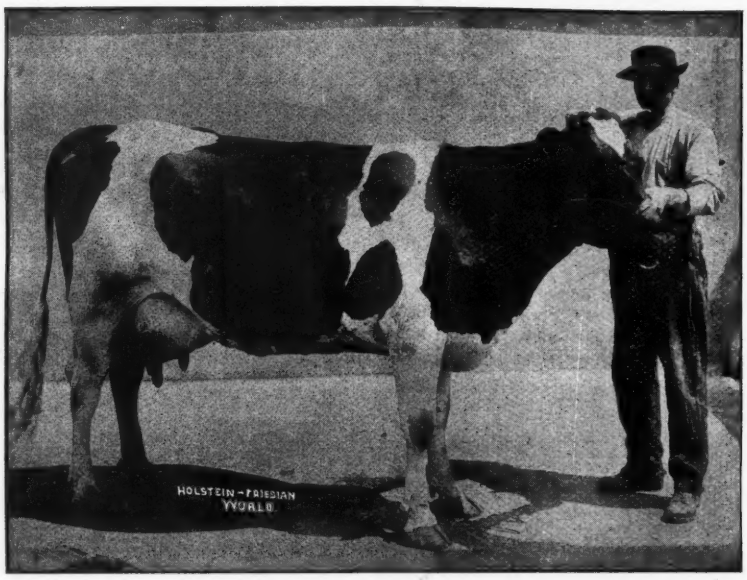
The aim of the Colony Farm management is to get together a herd of Holsteins the equal of any in the world. Official testing has been carried on for only two years, and this is the first year for the testing of heifers of Colony breeding. The entire number of two-year-olds average 15.6 lb., while the three-year-olds in the herd average about 23 lbs. Four 30-lb. records have been made.

Among the four-year-olds are two that have held Canadian championships, these being Wadmantje Canary, with records of 31.38 lb. butter, 644.6 lb. milk in 7 days, 123.95 lb. butter, 2755.4 lb. milk in 30 days, and Netherland Segis 2d, who produced 33.17 lb. butter, 677 lb. milk in seven days, 133.41 lb. butter, 2868 lb. milk in thirty days; the latter stood until recently as the largest Canadian 30-day record in any class, while they are both the highest in her own class at this writing. Wadmantje Canary has freshened again as a 5-year-old and made exactly 33 lb. butter in seven days. Netherland Segis 2d is being held for the Panama-Pacific Exposition, where she is certain to render a good account of herself. Netherland Segis 2d comes of the best American breeding, being by King Hengerveld, a son of Hengerveld De Kol, and from a 26.93-lb 3-yr-old daughter of King Segis.

The highest record cow in the herd is Madam Posch Pauline. Last year as a senior 4-yr-old she made a 7-day record of 26.73 lb. butter, 659.5 lb. milk, and 108.45 lb. butter, 2752.0 lb. milk in 30 days. This year she produced 802.9 lb. milk in 7 days, 3257.2 lb. in 30 days, 6479.2 lb. in 60 days, and 13,835.3 lb. in her first 134 days, all strictly official. Her butter production was as follows: 34.09 lb. in 7



COLONY KOBA DE KOL NEWMAN—The oldest daughter of Aaggie Cornucopia Newman in the Colony Farm herd.



NETHERLAND SEGIS 2d—At 4 yrs., 1 mo.: Butter 7 days, 33.18; butter 30 days, 143.41; milk 1 day, 100.5. Canadian Champion, 4-yr-old. Owned by Colony Farm, Coquitlam, B. C.

days, 136.34 lb. in 30 days, 267.5 lb. in 60 days, and 455.01 lb. in 134 days. She is the champion butter producer of Canada, and is beaten by but one other for milk, and that is her stable mate, Zarilda Clothilde 3d De Kol, whose milk records are even more phenomenal. Calving at the age of four years two months she produced 123.9 lb. milk in a day, 831.4 lb. in 7 days, 3304.8 lb. in 30 days, 6605.9 lb. in 60 days, 10,490 lb. in 100 days. The last two records are World's Records for any age or class, while the first three are World's Records in her class by substantial margins. She is still giving over 110 lb. milk per day, even though the weather is very hot. It looks as though the Pacific coast conditions were more conducive to heavy milk production than any other section, for of the six cows that have produced over 800 lb. milk in a week, one is a product of New York State, one of Wisconsin, and the other four of California, Washington and British Columbia.

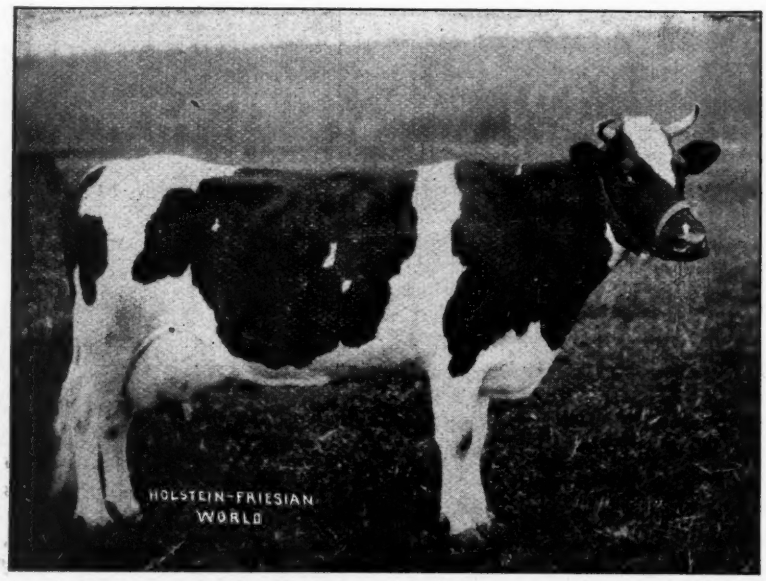
In the Colony Farm herd are ten cows with one day milk records above 100 lb., all made since October 1912. As far as we know, no other herd in the world can equal this showing.

The Holstein cow is primarily a producer of milk. Of course, she is also the greatest butter producer of the breed, but this position has been achieved only through her enormous milk yield. In many cases, far too many, according to our way of thinking, the great butter records have been made with an average per cent of butter fat which would do credit to the Jerseys or Guernseys, but they are not normal Holstein records, and seem likely to prove something of a disappointment in future generations. We believe, that the men who build on a foundation of good normal butter records, made from a large amount of milk, are the men that are going to reap the certain reward during the coming years. In this connection it is interesting to consider the sort of sire which is being used at Colony Farm to mate with this greatest string of milkers ever assembled. Aaggie Cornucopia Newman is his name, and in every respect he is worthy of his position. His dam, Margie Newman, holds the World's one-day milk record, with a production of 136.5 lb. In seven days she gave 895.5 lb. milk, 32.79 lb. butter, and in thirty days 3555.6 lb. milk, 131.19 lb. butter. His sire was by Aaggie Cornucopia Johanna Lad Jr., the greatest prize winner and sire of prize winners of the breed, and from the New York State Fair Grand Champion, Onda Crown De Kol, who produced 644.3 lb. milk in seven days, 2616.3 lb. in thirty days, making 27.96 lb. in the former period and 112.57 lb. in the latter.

Individually he is just as good as his breeding, having won first prize in his class and Reserve Championship at the Dominion Exposition 1912. None of his daughters have freshened as yet, but they are described as a remarkably promising lot. The first one to be born on Colony Farm is shown in one of the accompanying illustrations. The heifer was five months old at the time the photograph was taken. One of the very best ones is Colony Madam Posch Pauline, who as her name indicates, was from Madam Posch Pauline, whose achievements have been previously cited. The two nearest dams of this heifer average 127.65 lb. milk in a day, 849.2 lb. in 7 days, 3406.4 lb. in 30 days—world's record averages. Their 7-day butter records average 33.44 lb.

In the show ring the Colony Farm Holsteins have been uniformly successful, coming East in 1911 and 1912 to compete at the Dominion Exposition and the Canadian National. Here in the strongest competition the Canadian breeders have ever known, the western representatives won rather more than their fair share of the premiums.

The Colony Farm Holsteins therefore are pretty close to an ideal of what the Holstein cow should be, combining individuality of the highest order with superior butter production, as a result of a large milk yield. Colony Farm is bound to be heard from still further in the future.



GREBBEGA 2d—At 4 yrs., 10 mos.: Butter 7 days, 24.73; milk, 691.8; milk 1 day, 104.3. Owned by Colony Farm, Coquitlam, B. C.

Methods of Improving Dairy Herds

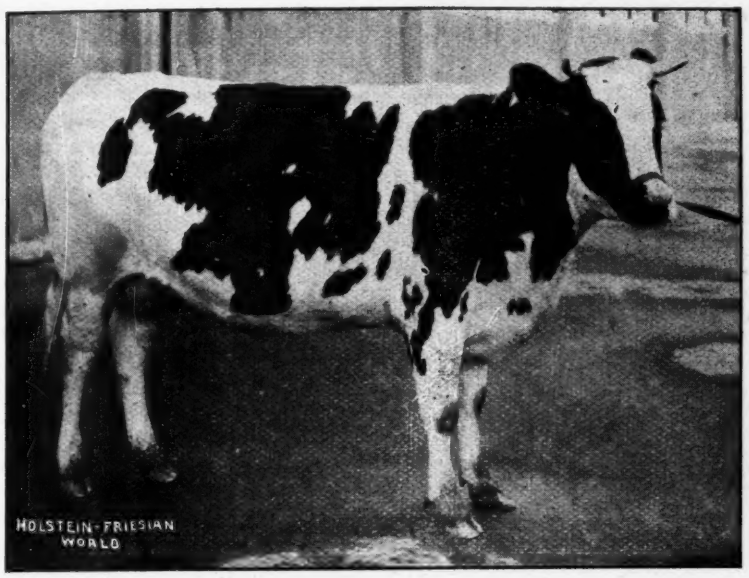
By Prof. R. E. Hundertmark, State College of Washington.

II.

Herd Improvement Gained by Better Selection of Dairy Cows.

IT HAS BEEN STATED that one-third of our dairy cows are kept at a loss, one-third pay for the feed eaten, and the other third make a profit on the food consumed. This variation in the production of dairy stock makes it imperative that the better producers be segregated from the inferior stock. If breeding is to be continued and play its part in herd improvement it is necessary that the best stock in the herd be culled from the poorer animals and these used as a basis for the future herd. Time and attention given to this will result as advantageously and with as much profit as any other phase of the question. In the natural habitat it is doubtful whether the cow produced more milk than was necessary to feed the calf. This milking habit was undoubtedly transmitted quite regularly, and it was not until cattle were in a state of domestication and milk was used as human food that some attention was paid to increasing the milking function. Although natural variations to secrete milk appeared in the ability of some of this early stock it has only of recent years been recognized as one of the best means of increasing average herd production. The quantity and quality of milk normal to the breed will usually be transmitted by our dairy stock. Often, however, there are outstanding animals which will produce more than the average, and it is by the selection of these animals that the average production can be raised.

This works to advantage in two ways. It enables one to dispose of the unprofitable stock, thus raising the average of the animals left in the herd; and it also gives a better working basis for future breeding operations. For breeding purposes the best stock should be selected since the tendency of production is very largely toward a lower rather than a higher level. Although individual variation was not so marked in the original stock, the tendency towards variation becomes more pronounced as the degree of specialization advances. Transmission of acquired characters is not always the case, and the further an animal is bred from the original form or the mean average of the breed, the more certain the variations, hence the need of individual selection.

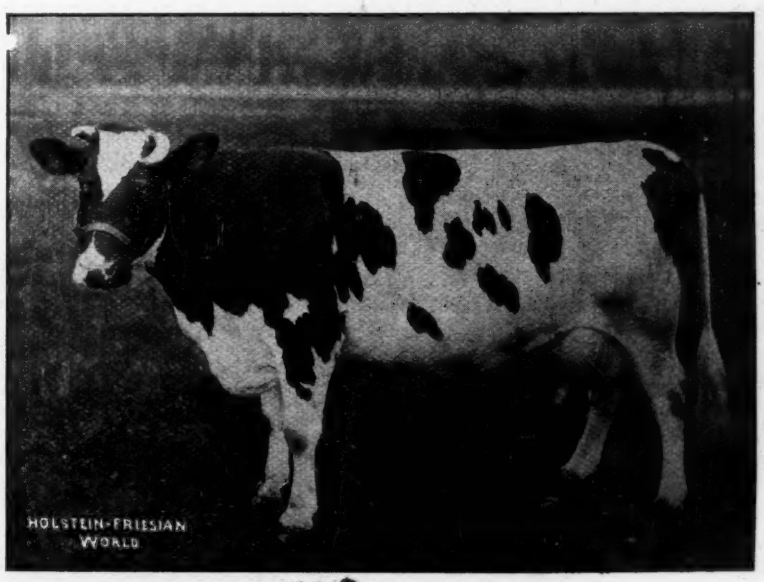


COLANTHA FAYNE—At the Dominion Exposition won First Prize in the junior yearling class and was grand champion female. Owned by Colony Farm, Coquitlam, B. C.

The year's record of a herd tested by the Kansas Experiment Station shows the advantages of individual selection in a marked degree. This record is so arranged that the five best cows in the herd are classified by themselves and the next best in the second group, and the poorest lot in the third group.

Cow No.	Lbs. Milk	% Fat	Lbs. Fat	Cost Feed	Val. But. Fat	Val. But. Fat over Feed	Cost of 1 lb. of Fat
1	9,116	4.21	383.7	$32.80	$60.88	$40.37	$0.085
2	7,015	4.43	310.8	30.61	49.26	28.11	0.098
3	8,054	4.13	332.8	35.59	51.92	27.18	0.106
4	6,504	4.59	289.5	29.26	45.90	25.41	0.101
5	6,509	4.27	277.9	29.20	43.89	23.39	0.105
Av.—	7,439	4.28	318.9	31.49	50.37	28.89	0.098
6	5,742	3.48	199.8	29.55	31.02	9.22	0.147
7	4,772	3.92	187.0	27.25	29.88	8.27	0.145
8	3,475	5.14	178.6	25.24	28.16	7.60	0.141
9	3,913	4.14	161.9	27.27	25.41	3.41	0.168
10	4,200	3.96	166.3	27.69	25.38	3.28	0.166
Av.—	4,420	4.04	178.7	27.40	27.81	6.35	0.153
11	3,583	3.79	135.7	26.75	21.39	-0.43	0.197
12	2,903	4.13	119.9	22.89	18.11	-0.87	0.190
13	3,730	4.23	157.8	31.22	24.34	-1.86	0.198
14	2,141	4.74	101.5	24.43	15.30	-6.25	0.240
15	3,089	4.06	128.7	26.32	19.78	-2.35	0.204
Av.—	3,089	4.19	128.7	26.32	15.98	-2.82	0.206

Every dairyman who keeps records can probably give a similar report of the animals in his herd. Such figures show very well conditions as they are found in many average herds of cows. Although herds may average well in

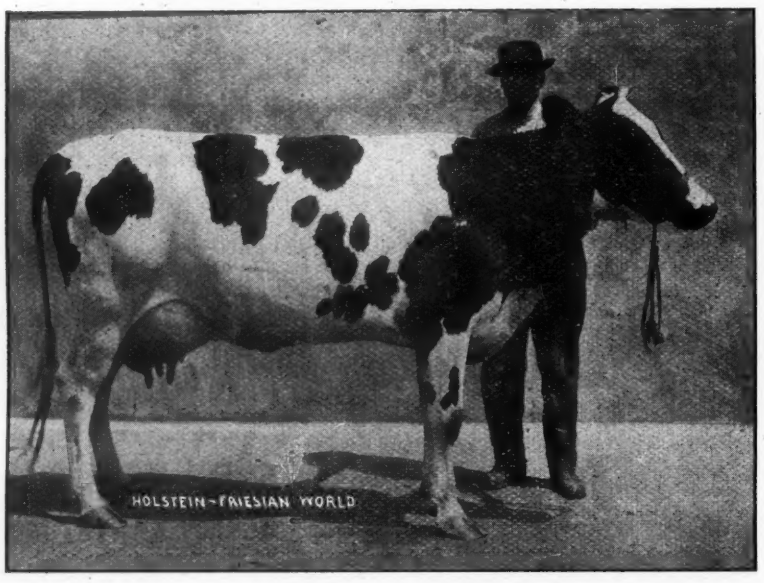


MINNIE ROOKER'S POEM—Butter, 24.3; milk, 669.6; milk 1 day, 100 lbs. Owned by Colony Farm, Coquitlam, B. C.

milk production, they may not be much profit over cost of feed. In order to increase this it is better to eliminate entirely those producing little milk and fat, and feed an increased amount of grain and roughage to the remaining animals in the herd.

In order to select cows so as to determine the high from the low producers it is necessary to keep a record of the amount of milk produced and the butter fat test. Although various methods have been given of taking samples and tests, every dairyman will find that the keeping of a daily record of milk production will be the method best suited for all conditions. When the habit of weighing milk daily has been formed it will be found to take very little extra time, and once begun will not be neglected. A two-day sample for butter fat tests will be found sufficient and will give a fairly accurate record of the butter fat content of each animal's milk. The pounds of butter fat for the month can then be found by multiplying the test of each cow's milk by the number of pounds given during that month.

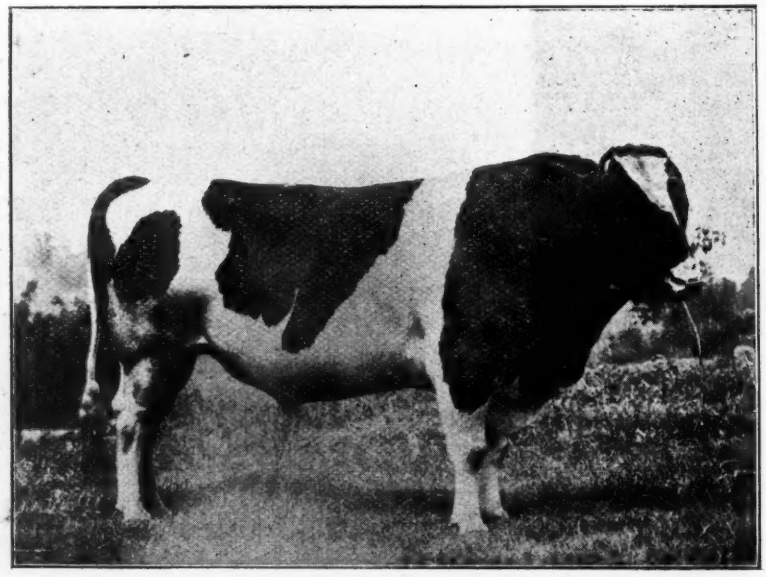
A balance for the purpose of weighing milk easily and quickly can be secured from any dairy supply house for a nominal sum. The so-called milk sheets to record the daily amounts of milk with a space for total pounds of milk, also test and total pounds of fat for the month can also easily be secured. Very often these can be home made and will serve the purpose equally well. Such records kept for a year will enable the dairyman to better classify his stock according to production, and will also be of value in assisting toward a system of better feeding so that feed can be regulated according to the amount of milk given by the several animals in the herd. Work of this kind repays well for labor and time taken on the part of the dairyman, and no other kind of herd improvement can be taken up to better advantage.



NIFTY NAN—At 3 yrs., 2 mos.: Butter 7 days, 23.87; milk, 632.40; butter 30 days, 93.65; milk, 2606.30; milk 1 day, 96.80. Owned by Colony Farm, Coquitlam, B. C.

Korndyke Butter Boy Johanna, No. 47800

AS MAY be seen from the accompanying illustration, Korndyke Butter Boy Johanna, is a splendid individual, and he is just as good as he looks. In respect to breeding he is likewise in the same class, being by Korndyke Butter Boy and from a daughter of Johanna Aaggie 2d's Lad. This is breeding that has proven its superiority. The reputation of Korndyke Butter Boy Johanna, however, does not depend upon the achievements of his ancestors, for he himself has already made good through the work of his daughters. One, Oakvale Elsie Johanna, was formerly the champion senior three-year-old of Canada. Her record of 27.84 lb. now stands second in this class. Another daughter, Oakvale Beauty Korndyke, 261 days after calving as a junior two-year-old produced 311 lb. milk, 15.17 lb. butter in 7 days, the third largest record for a heifer of her age in that division. Perhaps the most sensational one of the whole number is Oakvale Fleta Johanna, who at three years, three days of age produced 29.21 lb. butter in seven days. This record was made with first calf, and stands as the second highest ever made. She is owned and developed by Chas. M. Dow, Jamestown, N. Y. All of the above heifers were bred by R. B. Wightman, So. Hammond, N. Y., who is also the owner of the sire. The future looks bright for Korndyke Butter Boy Johanna.



KORNDYKE BUTTER BOY JOHANNA

A TRIBUTE

For the second time within two months, God in his infinite wisdom has called at the Dalrymple home in Otselic, N. Y., and removed from our midst one who was a loving son, devoted husband and brother and a steadfast friend to all who knew him.

On Tuesday afternoon, April fourteenth about six o'clock, the Angel of Death entered the chamber of sickness, touched the brow of Charles C. Dalrymple, and bid his spirit silently, but swiftly to his home above. Charles C. Dalrymple, son of the late Isaac Dalrymple, was born Dec. 23, 1885 at the homestead in which his last days were spent. After passing his school days he entered into work of breeding thoroughbred Holstein cattle with his father. He remained at home until one year ago, Jan. 8, 1913, when he married Katie McMahon and bought a farm in Preston, N. Y.

At his father's death two months ago, he came home to run the farm, but his stay was very short. While only a lad Charles showed that he had inherited the love of cattle from his father who was a pioneer in the Holstein business and one who needs no introduction to the Holstein World. Although a co-worker with his father the developments and perfection of the herd, as it stands today is in no small measure due to Charles, who by consistent effort and close association with the animals with which he hoped to achieve success, approached his ideal of the high grade dairy cow.

His, as well as his father's policy, ever was, to improve the breed in general. With this motive in mind, he never could tolerate those who for the sake of dollars and cents and a record, would sacrifice the cow. Charles had not experienced good health for some time but no one thought the end was so near. About four weeks previous to his death he consulted a physician who pronounced his case as a very serious case of anemia, a disease of the blood. Every aid for his recovery known to medical science was given but to no avail. He gradually failed until he passed quietly away, leaving a wife, mother and brother beside a host of friends, which he had made during his short life. Within a few hours of his death Charles showed an intense interest in his work. Each day the record book of the cows then under test had to be brought to his bedside and there he would scan the pages which had meant so much to him in the past—a book which told plainer than words the prints of many long, hard days and nights with its twelve o'clock milkings. The writer had the pleasure of having a long talk shortly before his death. Even at that time his interest in the herd and in the breed had not waned.

Charles received at his birth a goodly heritage from his father, a man whose life both in the home and in dealings with men, was above reproach, a man who though dead still lives with us in the example which he set, and in the remembrances of a ready and helping hand. While it may seem unjust this double bereavement, still we should not forget that a mind greater than ours has decreed it thus. Great as our loss may seem, infinitely more must be their gain. Charles' last days of suffering were borne without a murmur. He only lived a short life but had learned to live it well.

The funeral was held at Norwich, N. Y., and the remains laid to rest in St. Paul's cemetery. (L. D. U.)

A RESOLUTION.

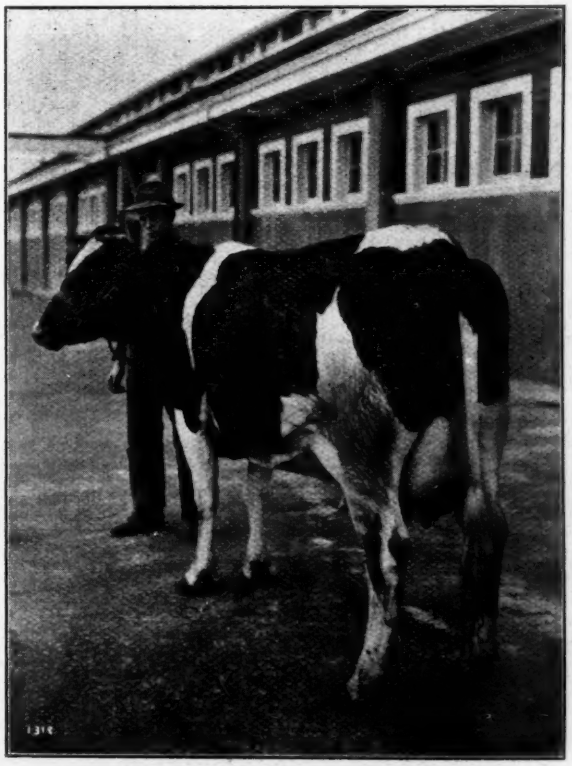
Whereas, It has seemed best to an all wise Providence to take from our midst the presence of our esteemed associate in the Madison-Chenango Counties Holstein-Friesian Breeders Club, Isaac C. Dalrymple, and,

Whereas, By the same dispensation we have lost in his son, Charles B. Dalrymple, one who, in his interest and efforts, would, had he lived, have continued the excellent work of his father, and one who has the esteem and confidence of the great body of Holstein-Friesian breeders in this state, and

Whereas, We, the members of this Club, not only regret our own loss in the absence of these men but sincerely feel that sympathy for the sorrow which comes greatest to the ones to whom they were most dear, therefore be it

Resolved, That the members of this Club show their appreciation and esteem of Isaac C. Dalrymple and his son, Charles B. Dalrymple, and express their sorrow and their sympathy to the members of their families by spreading this resolution on the records of the Club, by publishing it in the Holstein-Friesian World and by sending a copy of it to the families of the deceased.

This office is in receipt of a photograph of the check for $25,000 which the Lawson Holding Co. gave Mr. Arfmann in payment for a half interest in King Segis Pontiac Alcartra. This photograph shows the check cancelled and paid, and should be sufficient to convince the most skeptical that this was a legitimate, bona fide transaction.



BEULAH PAULINE DE KOL—As a junior 3-yr-old: Butter 7 days, 25.70; butter 30 days, 101.95. The champion of Canada in her class. Owned and developed by Colony Farm, Coquitlam, B. C.

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Approved cuts of meritorious Holstein-Friesian animals, when furnished, will be published free of charge.
If photograps are sent, cuts will be charged for at cost price.
All matter for publication in the Eastern Edition must be received by the Saturday preceding date of issue.

Schumacher Feed

In this issue of the World the Quaker Oats Company is beginning a yearly advertising campaign which is designed to let the great rank and file of Holstein breeders know of the results that have been achieved where the Schumacher feed has been used. Of course the bigger breeders are already familiar with its merits, as the most of them have tried it out by actual experience, and have found it to measure fully up to the claims that have been made for it. The fact that successful breeders throughout the country would not dispense with Schumacher under any circumstances is perhaps the best recommendation that can be given it.

THE ANNUAL MEETING AT CHICAGO

By E. M. Hastings.

Hotel Sherman, Chicago, Tuesday, June 2, 1914, 2 P. M.

The strength of the Holstein-Friesian Association of America was never more apparent than in the splendid body assembled here to-day for the first annual meeting of the national organization ever held outside of New York State.

The attendance is representative, and the gathering is typically Holstein, consisting of the men who have helped to make the breed famous on both sides of the Mississippi and from coast to coast—a genial, animated bunch, eager to tell the story of Holstein progress and glad to make new friends for the greatest breed of dairy cattle on earth.

David Munroe and John L. Smith from Washington, J. W. McAllister, Jr., from California, Cortelyou from New Jersey, Fred F. Field from Massachusetts and Gregory from Vermont are here to remind one of the continent wide scope of the Association. The breeders of Illinois have a glad hand of welcome for all; and Wisconsin and Michigan are quite in evidence, the latter maintaining its own State Association headquarters in a room where its activities are illustrated and explained.

New York State is represented by a delegation of fifty or more, the most of whom arrived this morning in two special cars from Syracuse, several of the breeders in this company having their wives with them.

Of course, Secretary Houghton, as always, is "on the job," smiling and well groomed, the picture of efficiency; Superintendent Gardner is pointed out as one of the distinguished figures in the convention, and with him, as ever, is Mrs. Gardner, a true helpmeet—the two an honored pair in any company graced by their presence. President Hartshorn, now concluding his second term, delivered this morning an address that adds another important document to Association history. Wing R. Smith, the "Watch Dog of the Treasury," is an interesting member of the official family, having held his important office for a good many years, and being in addition a pioneer breeder of wider reputation and one of the charter members of the National Association.

Association politics is little discussed outside of official circles. It is understood that Hon. D. D. Aitken of Flint, Michigan, will be a candidate for president; and Dr. Favill of Chicago is talked of as a presidential possibility. The choice of the Association will probably fall upon one of these two. Mr. Aitken is a lawyer of ability, an ex-congressman and a breeder of some experience. He is a pleasant man to meet, conscientious and capable, and if elected to the presidency of the Association will fill the position with dignity and efficiency. Dr. Favill is one of the really big men of the Middle West, eminent in his profession, of rare scientific attainments, broad in his knowledge of men and affairs, a devoted student of dairy husbandry, and seriously interested in the practical handling of one of the most important Holstein breeding establishments in the State of Wisconsin. The best possible evidence of the quality of our Association is the fact that its membership includes men of the caliber of Aitken and Favill. It will be remembered that Mr. Aitken was a promising candidate for the presidency when Mr. Hartshorn was elected two years ago. It would therefore appear that his chances should be good at this time, especially as Dr. Favill—the only other possible candidate yet, mentioned at all—is not seeking the office and on the contrary is in favor of Mr. Aitken's candidacy.

Today's session is occupied wholly with the work of organization, president's address and reports of officers.

A later wire from Mr. Hastings tells of the election of officers, with the following results: President, Hon. D. D. Aitken, Flint, Michigan; vice-president, Dr. H. B. Favill, Chicago; directors for two years: Mr. A. A. Cortelyou, Somerville, N. J., Mr. John B. Irwin, Minneapolis, Minn., and Mr. G. A. Dimoc, Kalamazoo, Mich. Directors for three years: Mr. W. A. Matteson, Utica, N. Y.; Mr. W. B. Barnly, Hampton, Ia., and Mr. A. L. Brockway, Syracuse, N. Y. There were no contracts. Three hundred eighty-nine members were present and eighteen hundred sixty-four others were represented by proxy. Under the new constitution annual meetings alternate east and west of the Eighth Meridian. It was voted to hold the next meeting at Syracuse. The entire meeting was distinguished by the complete harmony of all factions.

A Few Facts from the Report of Secretary Houghton.

As we lack the space to publish the report of Secretary Houghton in full in this issue, we will give only a few of the more important facts shown by it. The receipts of the Secretary's office for the past year have been $161,506.52, a gain of nearly $41,400 over the preceding year. The balance on hand is $99,329.52, an increase of nearly $39,000 over 1913, and nearly $50,000 over 1912.

During the year registry certificates have been issued for 21,040 males and 33,958 females, showing a gain over 1913 of 4676 males and 7007 females. Certificates of transfer were issued for 23,664 males and 40,143 females, showing something of the recent demand for Holstein cattle. This is a gain over 1913 of 4478 males and 9532 females, and a gain over 1912 of 9199 males and 17,261 females.

During the past year 1107 new members have been added to the Association, while 61 have been claimed by death. Thus the total membership to May 1, 1914, is 6463. New York now has 1937 members, Wisconsin, 954; Ohio, 621; Michigan, 429; Pennsylvania, 305; Minnesota, 191; Massachusetts, 175; Vermont, 174; Iowa, 158; New Jersey, 117; and California, 115. It is interesting to compare the accession of 1107 as given above with the figures for the preceding years, which were as follows: 752 in 1913; 787 in 1912 and 824 in 1911.

In view of these figures it would seem as though Holstein breeders had real cause for rejoicing, and for looking into the future with confidence that even greater achievements will be recorded.

President's Address

Members of the Holstein-Friesian Association of America:

We are assembled in our 29th Annual Gathering, as an Association, and every meeting has been a mile-stone, marking an onward march of progress, development and success.

Although the first years were somewhat discouraging, yet they marked the period of foundation building and initiative growth, which are necessary for the ultimate success and final development of any great enterprise.

As we look back over these years, we cannot but feel that the foundations were well laid and the early planning well thought out.

It is with a feeling of pleasure and yet a realization of great responsibility and earnest desire for the future, that I come before you to deliver my final annual address, as your chief executive.

The two years that I have been so highly honored by this Association are the years of its greatest growth and most marked prosperity.

The credit for this prosperity is not due to myself, any more than it is to the

individual membership of this Association, but our great achievements are due to the untiring energy and never-failing enthusiasm of our membership, backed by the quick and unequaled response of the most noble breed of cattle the world has ever seen.

Our efforts in this Association and with our cattle have certainly been a co-operative movement, in which all having a part, both man and beast, have performed their duty, and it is only when every member of a great whole is performing its function that the entire body is doing its best work.

Our success as breeders of Holstein cattle is due to the fact that we have taken advantage of our opportunities, coupled with the ability of our cattle to meet the requirements placed upon them. We are here looking back upon a record of unparalleled achievements, and we are also looking forward to a future of unparalleled demands and possibilities, and it rests with us to prove ourselves equal to the occasion. Our cattle are ready to meet every emergency; let us not be lacking.

To derive the most benefit from reviewing the growth of our Association and the growing popularity of our breed, we must take into consideration the elements entering in, thus causing such a growth, and also, if possible, find anything that may check that growth.

One great feature that has called the attention of the dairy public to our breed of cattle is their great power of producing dairy products, the necessity of which we all recognize in our modern civilization.

Our Advanced Registry system has placed before the public the great achievements and possibilities of the Holstein cow, and it is because of the confidence with which these records are received by the public that they have been encouraged to invest in her offspring; and this, coupled with the marked results obtained after thus investing, has so popularized our breed that the clamor for Holstein cattle has almost become a mad rush to all of the sales where they are to be sold.

The prices our cattle have brought, and the ever increasing demand, together with the growth of our Association and its strong financial condition, cause us all to feel exultant over past achievements, but as we are enjoying this prosperity and development let us also remember that the older and stronger a tree becomes, the greater is the danger of decay entering its trunk, and, in consideration of this fact, let us guard well this giant oak of twenty-nine years of unparalleled growth and see that we prune from it everything that will tend toward its final decay.

We who are breeding the Black-and-Whites of today and those of us who have the responsibility of conducting the affairs of this Association, should ever keep before our minds the high ideals of those noble men who brought into being this organization, and look with disapproval and contempt upon any man who may adopt methods or use means that are detrimental to our breed, either in actual usefulness as dairy cattle, or their reputation as such.

I am offering these words of admonition, fearing that among the great numbers of new members joining our ranks, some of them may be doing so with merely a selfish motive in view, not realizing the importance of the calling of breeding and developing the Holstein cow, the animal upon which our national life, health and prosperity so largely depends.

I am glad to say that most of our breeders have the ultimate good and future usefulness of our breed at heart; to such this nation owes a debt of gratitude and coming generations will rise up to call them "blessed."

In the care and breeding of our animals, we are not only influencing the breed, but we are affecting the future health, happiness and prosperity of our children.

We are certainly engaged in a noble calling. Let us fully appreciate our opportunity and the greatness of our responsibility.

As President of this Association, it has been my pleasant duty to meet with many local and state organizations, and it has been a source of gratification to note the interest and enthusiasm manifested in these meetings.

I am convinced that much good has resulted from these gatherings, both in arousing new interest and also in the dissemination of knowledge concerning our cattle, and I would urge upon the members of this Association the importance of organizing these local clubs.

It was my privilege the past year to again attend the National Dairy Show, and I wish to speak with commendation of its management and also of the great educational influence it is exerting over the dairy interests of this country. The bringing together of all the organizations, representing the many ramifications of the dairy interest, cannot but result in great good to all those interests, and is well worth their hearty support.

The Round Table Conference held at the last Show, at which I had the privilege of being one of your delegates, was held for the purpose of discussing and perfecting an organization that will serve as a sort of clearing house for all of these different dairy interests, and the following is a summary of the proceedings of this most important gathering:

"The meeting was called to order by President Van Norman of the National Dairy Show Association, following the partaking of lunch by the delegates. Mr. Van Norman delivered an address on the subject, 'Organization and Its Benefits,' and what he saw as to the necessity for all branches of the dairy industry pulling together. He drew attention to the fact that there were 29 organizations represented at the conference and that there were still others eligible to have been there, showing an immense value to all to be gained in the harnessing up of this tremendous strength for the national good of the industry.

"General Manager Skinner was then introduced for the purpose of explaining why the Round Table Conference was called. Mr. Skinner said that he believed there was a need for the getting together of all the branches of the dairy industry for the common cause. From observation he found that some branches of the industry were bitterly opposing each other, while, from the viewpoint of an outsider, the disagreements seemed mostly to be the result of improper understanding of the other fellow's viewpoint. Mr. Skinner expressed the hope that it might be found that the National Dairy Show could be utilized as a clearing house for all such disagreements, and as the one place at which representatives from every branch of the industry might find themselves upon a common level from which they could advance the interest of the improved dairy cow and intelligent dairy farming. He also pointed out that there was a great deal of lost motion in the development of our industry, as a result of the individual interest being all absorbing, citing as illustrations the breed men devoting their time and energies to the advancement of their particular breed of cattle; the milk producers spending much time in fighting for individual interest, which time would be better used in the development of big things on their farms; the ice-cream men's difficulties in bringing about a proper understanding of the laws governing their industry, and making a lone fight to aid in the development of their interest; the creamery men occupying much the same position; the cheese men being without a national organization to take up their matters; and the milk dealers meeting with as perplexing problems as any branch; yet each and every one of these interests is literally dependent upon the development of the cow and they have enough in common to profitably devote a certain amount of time each year, as a whole, to the problem of higher efficiency and the general advancement of the industry in all of its branches, which must be helpful to all.

"This outline of an organization wherein each and every branch of the industry might stand on a common ground, having been presented and, apparently, well received by the delegates present, a motion was made that temporary organization be perfected for purposes of discussing the value of a national association, through which all of the interests of the dairy industry might find a clearing house for their joys and sorrows, which motion met with unanimous favor, and the 29 delegates then and there became an organization, electing Dr. H. B. Favill of Chicago, a Holstein breeder, temporary chairman. Most of the delegates present were called upon to express themselves upon the subject of going into permanent organization, if such seemed to have any value. After a representative from practically every delegation was heard from, a motion to perfect a permanent organization was unanimously carried. The organization was titled, 'Council of the National Dairy Show;' by-laws and a constitution were adopted, and it was agreed to hold meetings of the full Council once a year at the time of the National Dairy Show, the directors to meet when any of the membership of the Council had matters of sufficient importance throughout the year to call them together. The officers elected for the first year were: Dr. H. B. Favill, President; F. J. MacNish, Vice-President; J. A. Walker, Treasurer; W. E. Skinner, Secretary and General Manager. The Directors are Loton Horton, New York; Dr. H. B. Favill, Chicago; R. B. Swift, Libertyville, Ill.; W. W. Marsh, Waterloo, Ia.; F. J. MacNish, Chicago; J. A. Walker, Chicago; John W. Knobbe, Chicago; E. J. Fellows, St. Charles, Ill.; and J. J. Ross, Iowa Falls, Ia.; so that there is now launched what can be made a tremendously potent force for good in the development of the dairy industry, and proper co-operation of all the collateral interests can bring about an organization whose influences can be made to be felt wherever required.

"It is the first time that anything resembling a complete cohesion of all interests in the dairy industry has been brought about and all agreed that there is good ground for such an organization. The organization is formed in the altruistic spirit of one for all, and all for one, and our Association at this conference will undoubtedly find that such an organization can be of great service to aid in forwarding its branch of the industry."

I would, therefore, urge that a good strong delegation be appointed to attend the next annual meeting, and bring before the executive committee any matters that may affect our welfare or the upbuilding of the dairy industry.

The main purpose of all our shows, whether national, state or local, is educational, and if they fail in this they are not accomplishing the purpose for which they were intended.

The Holstein cow is a dairy animal, and if we are to instruct the public we should show them specimens of the breed, not only good as individuals but as producers, and, I am sorry to say, that many of the animals that are being shown, and not only being shown but winning the prizes, are not our best producing animals.

To illustrate what I have in mind, I would cite an instance where a wealthy man, not knowing much about dairying, selected part of his foundation stock from a herd having the reputation of being great producers and later selected others from a herd that had gained a renowned reputation in the show ring, and the result was that in a short time he was willing to sell the last ones selected, even if at a sacrifice, while the first ones could not be bought at any price.

At a recent show, a bull possessing marked dairy qualifications, was led into the ring, but, because he lacked a few minor show points, he was placed fourth, although as a dairy animal he was far superior to those placed over him. Two dairymen, who knew what a good dairy animal was, were overheard to say, "There's a great dairy animal; why is he placed down there?"

Now I do not wish to criticise this judge, for he placed the animals as nearly every other judge would have done, but I do say that our present system is in some respects misleading, rather than educational. I wished to speak of this in order that I may, if possible, impress upon the minds of the members of this Association the fact that the primary object in our breeding operations is to breed an animal that is pre-eminently an animal bred for the production of large quantities of dairy products, and let us show such animals to the public and not animals that will please the eye, regardless of producing ability. I say these things because I have the ultimate good of the Holstein cow at heart.

As your President, the work and progress of the Association in a broad and general way comes directly under my observation and study, and I am more than ever impressed with its importance and possibilities, and with the grave responsibilities which we have imposed upon us as an Association, and with the burden which falls to the share of your Board of Officers and its executives. I know of no better way to impress you

with the magnitude of the work than to recite to you some facts in connection therewith. The mere details of this work require in their execution the services of a small army of 80 people in our offices. The postage paid in distribution of printed matter and correspondence reached $4,932.00 the past year. The weight in pounds of our printed matter, including our Herd-Book and the Blue Book, is not less than 46,300. Our system of accounting shows 43,000 separate entries of cash transactions, which reached an aggregate of $161,506,52.

The spread of Holstein interests is shown by applicants for membership in our Association from thirty-three states of the Union, and in number 938, since our last meeting. Our income from this source alone was $27,725.00. I note also that our total reserve fund, with its accretions of interest, is now $151,368.30—a sum equal to nearly the total amount of money received for memberships during the past ten years.

I feel that a brief review of the work of the Association will be the most impressive way in which I can lead you to a clear comprehension of it. The full Board of Officers, as distinguished from the Executive Committee, which consists of but five members, has held three meetings during the year; the first at Syracuse on the day following the close of the Annual Meeting of Members; the second at Chicago on October 31, 1913; and the third yesterday at this hotel. The Executive Committee, of which your President is a member, ex officio, has held meetings in Syracuse, on April 8 and 9, 1914.

In addition to these, the meetings of various special committees have been held during the year. These include the Literary Committee, the Committee on Prizes at Fairs, the Committee on new Charter and revision of the By-Laws, and the Finance Committee. Each of these has transacted much work important to the Association, and particularly so is the work of the By-Law Amendment Committee, whose sessions have been frequent and arduous. Thus it becomes apparent that many of our members are giving much valuable time and effort to the affairs of the Association, with no other thought of reward than that which comes from a duty well done in behalf of Holstein interests, and for which I bespeak the appreciative thanks of the membership.

At the special meeting of the Board of Officers held in Chicago last October, much important business was transacted, including the acceptance of the Certificate of Reincorporation under the Membership Corporation Law of the State of New York; the determination of the place of holding the Annual Meeting; the consideration of the report of the Chairman of the Finance Committee and authorization of certain investments in bonds; and considerable routine business arising from the administration of the various departments.

At the meeting of the Executive Committee held at Syracuse April 8 and 9, a very large amount of business was done, relating especially to the work of the Advanced Registry department, which was of such a nature as to require prompt determination. There were also considered at this meeting informal reports from the Finance Committee and other matters which had required special investigation, not to mention the large amount of routine business from the Secretary's office.

An adjourned meeting of the full Board of Officers was held in this hotel yesterday. At this meeting there were admitted to membership, after careful examination of references, those persons whose applications for membership were on file at the close of the fiscal year and those also whose applications have been received since that date. At this meeting there were also presented the reports of all departments or officers, and that of the Auditing Committee; also those of certain special committees, and many other details of business necessary to be considered and determined in advance of the Annual Meeting of Members.

Much of this work is in the nature of routine, but all of it is given the fullest debate and most careful consideration, and it frequently occurs that a policy for future action must be laid down and finally determined. This is true, particularly, of the work of revising and amending our By-Laws in conformity with the reorganization under the membership corporation law of the State of New York. One of the most desired results is that we may now hold our meetings in any section of the country, but there have also been incorporated in this revise many important changes, which have been studied by the Committee from the viewpoint of the most efficient and desirable working of the Association, having especially in mind such rules as are particularly adapted to our large and increasing membership.

The work of the Literary Committee, under its appropriation of $15,000.00, I deem to be of the utmost importance, and the results of this liberal and progressive policy of directing public attention to the superior qualities of Holstein milk for domestic use, and particularly for infant feeding, has many times repaid the money expended. Also the dairy interests of the country have been immeasurably benefited by the wider and more general adoption of Holstein cattle, whose large and profitable yields have brought prosperity to thousands of farmers. I deem it wise to continue this expenditure to the fullest extent which our income will permit, for there are yet many dairymen unconvinced of the value of pure-bred cattle, whom it is impossible for us to reach in any other way than by advertising and free distribution of printed matter.

The money expended by the Committee on Prizes, amounting to but $5,415.26, was carefully aportioned in those states wherein the greatest benefit would result. This, too, is exceedingly important work, for, in many sections, our cattle are yet unfamiliar in appearance to the majority, and I do not need to tell you, who are before me, that a good Holstein cow is a most effective argument to the man seeking to establish or improve a dairy. Very many more people have been attracted to our breed through exhibits at fairs and the actual seeing of these dairy queens than have been converted to our breed by reading cold print. For the greater encouragement of breeders where there are yet but few Holsteins, I particularly commend the offering of prizes for cattle bred and owned in the state in which they are exhibited. In this connection I desire to impress most strongly upon you the vital importance of closely adhering to the true type of the Holstein in all of your breeding operations, and of giving but little thought to securing blood combinations which do not as well include large yields of milk, and typical conformation, with high fat percentages. No effort should be omitted to impress upon the observer and the beginner that the vigor, constitution, and most profitable yields are to be obtained from the large type of our cattle. I, therefore, commend to you all, as breeders, a most careful study of our scale of points and a careful, conscientious and persistent effort to secure uniformity of type in your breeding.

Our Advanced Registry system has established that degree of public confidence in the reported yields of our cows which leads to unquestioned acceptance of an A. R. O. test as a matter scientifically and absolutely determined. The many thousands of seven-day records now annually made have established the reputation of our cows for large and profitable production and have provided, through our Blue Book records, the means of distinguishing the more prepotent breeding lines; and this reputation is being still further enhanced by the long-time records of the semi-official work. Too much cannot be said in encouragement of efforts to establish in the public mind the enormous yield of which the Holstein cow is capable, and which is indisputably established by the records of a year's test.

The demonstration of a yield of over 1058 pounds of butterfat in 365 days from 27,404 pounds of milk by a Holstein cow, is a most inspiring example, and affords the greatest encouragement to every breeder to strive to emulate this tremendous result.

For several years past we have offered at the National Dairy Show a scholarship prize of $400.00 in the Students' Judging Contest. It is my belief that this practical stimulant and incentive to dairy students in the colleges of the United States is a most valuable work and incidentally leads to a study of the Holstein cow by this great body of young men who are tomorrow to become the practical dairymen and breeders of the country, and I am glad to announce that this scholarship prize is again offered at the Dairy Show of 1914.

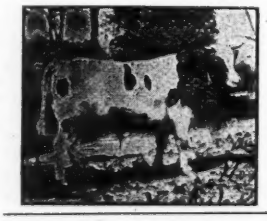
Thus it appears that whether we have offered money prizes for butterfat yields, or for exhibition of cattle at fairs, or for scholarships at dairy shows, or have expended large sums for advertising and distribution of printed matter, we have in each and every case made a most effective and judicious expenditure of our surplus income, to the great and lasting benefit of Holstein interests as a whole and individually, and it is my sincere belief that in no other way could an individual spend the amount which, through fees, he contributes to our treasury, with such magnificent results. In this connection I commend the wisdom of our officers in establishing a price to be paid for each copy of the Blue Book, and I believe the extension of this policy of charging for our publications may well be extended to the Herd-Book, to the extent, at least, of the cost of printing. Surely no interested breeder can object to a policy which shall place each department of our Association upon a self-supporting basis, as all good business demands.

In a time of prosperity we should prepare ourselves for any contingency which the future may develop, for we should indeed dislike to find, in a period of hard times, that our liberal prizes and generous publications were, of a necessity, pared down to comparative insignificance. Therefore do I recommend all efforts in the direction of placing all departments

Don't cut, saw or burn the horns off—breed them off. By a polled bull guaranteed to produce more than 50% of hornless calves from horned cows. The polled trait was recognized by the Holstein-Friesian Association of America in 1887, Vol. 3 Bulls.

Of 27 calves from our matings only 5 with horns; 2 out of 3 from horned dams are hornless. Bull calves from 3 to 6 months of age from A. R. O. dams, $100 up. Have shipped to Indiana, Colorado, Connecticut and Pennsylvania—every purchaser pleased. Send for catalog

GEO. E. STEVENSON & SONS, Waverly, Pa.



Chenango Valley Stock Farm

Herd headed by

PRINCE RAG APPLE KORNDYKE, No. 73415

Sire— Pontiac Korndyke.

Dam— Fairview Rag Apple Korndyke.

WHITMAN A. FOLLETT North Norwich, N.Y.

MAPLE RIDGE HERD

Has for sale a few bull calves from A. R. O. dams, sired by our senior herd bull, MAPLE RIDGE KING PONTIAC, one of the best sons of KING OF THE PONTIACS, from a daughter of De Kol 2d's Butter Boy 3d, and the 31-lb. cow, Alcartra Polkadot Ormsby, we will price these calves so that they will sell, and will be glad to send pedigrees and prices to anyone.

C. H. FITCH & SONS, Burlington Flats, N.Y.

of work upon a self-supporting basis, when times, as now, are most propitious.

I am advised by our Secretary, in a general way, of the extent of the work in the registration of pedigrees and transfer of ownerships. We are now recording upwards of 54,998 cattle per year and the changes of ownership noted upon record have reached 63,807 in the past twelve months. Our total income from these sources has reaced the sum of $109,968.75 and our income from reserve funds and investments is about $6,000.00 annually. We are, however, providing in our annual appropriations for such an expenditure as will return to those contributing fees, through prizes and for the conduct of our business an amount as nearly corresponding to our income as good business judgment will permit.

In reviewing the work of the Association, I am deeply impressed with the satisfactory results coming from the organization of state and local Holstein clubs, whose efforts are supplementary to the purposes of the national Association and in the same general direction. These local organizations have a field of great importance and are rapidly becoming factors in the wider introduction of the purebred Holstein, as well as in uplifting the dairy interests.

I need not dwell upon the details of their operations. It is easily to be seen and understood that co-operation and the intimate association of breeders lead to a better understanding of their mutual needs and the ways of accomplishing the best results to the general good of all concerned; but I wish to point out that the work of these clubs can be made vastly more effective and far-reaching when under the patronage and direction of the National Association, which should act as their parent. The number of these organizations has now reached 107, of which 30 have been created during the year. The possibilities of usefulness of these clubs when under intelligent guidance and in connected action towards the promotion of Holstein interests, under well considered plans provided by the National Association, I believe is very great, and I commend to you the proposals of legislation by our Committee, which will be made known to you here today, as the first step in this direction of a fuller utilization of our powers of harmonious co-operation.

The location of these clubs by states is as follows: Utah, New Jersey, Maryland, Kansas, Indiana, Connecticut and California, one each; Washington, Virginia, Oregon, North Dakota, New Hampshire, Missouri, Massachusetts and Idaho, two each;Iowa and Ohio, four each; Minnesota, Maine and Illinois, five each; Pennsylvania, seven; New York, ten; Michigan, fourteen; Wisconsin, twenty-seven.

Although this is the last time I shall appear before you as your chief-executive, yet I shall do all that I can to bring fresh laurels to the breed of cattle that has done so much for me, and in so doing I shall be doing service for this Association, for the great object for which we are organized is the perfecting and developing of the Holstein cow.

Lincoln once said to his private secretary that he wished it said of him, when he was gone, that he plucked the thistle and planted a flower, wherever a flower would grow, and if we can in any way aid in making the Holstein cow more efficient in her work of feeding mankind, we are certainly planting flowers that will brighten the path of those who come after us.

It is said that youth is folly, manhood struggle, old age regret, but this is only true when life is spent in gratifying selfish desires and selfish ambitions. If we are breeding our cattle with the high ideal of helping the world to live, as well as supporting ourselves and families, then will the struggle of life be worth the effort and old age will be a time of gratified enjoyment, and those about us will rise up to call us "blessed," for the work we have acomplished.

A notable example of such a life is our venerable Mr. Hoxie, who labored with small recompense for the good of our breed.

The lights of the night are many,
That of the day is one;
But all the world is darkness
When the light of the sun is gone.

The lights of the mind are many
But that of the heart is one;
But all the lights go out
When life is gone.

The thoughts and actions of our mind and body correspond to the fullness of the

DISPERSION SALE OF ENTIRE HERD OF 40 head Registered Holstein-Friesians at Louisville, Ohio, June 17, 1914, 12.00 M.

This herd consists of high-class individuals and represents the best of breeding, including

A daughter and granddaughter of Pietertje Hengerveld's Count De Kol; also granddaughters of De Kol 2d, Mutual Paul, and King of the Pontiacs. Several cows with good A. R. O. records. A 4-yr-old son of De Kol 2d Mutual Paul, and a grandson of Pontiac Korndyke.

Every cow in the herd of milking age a good strong producer under ordinary farm conditions.

Will also offer for sale at public auction on same date my farm consisting of 53 acres, large house and barn, 2 silos, and other necessary buildings, all in fair repair. Fertile land, well drained, one of the best and nicest laying farms in the county. Plenty of fruit, young plum orchard of over 100 trees.

Send for catalog.

L. D. MARSHALL, Prop.

ANDREWS & FROMM, Aucts.
S T WOOD, Sales Mgr.

Are You Looking for a PrizeWinner?

King Segis Johanna Grahamholm No. 93789.

Born July 9, 1911. Weight at 2 years, 1580 lbs.

He was Second Prize Winner at Minnesota State Fair, 1913, being beaten only by the bull that won First at the National Dairy Show.

This bull is as straight as a line and a beautiful individual. His cut appeared in this ad. last week—look it up.

SIRE: Sir Winana Beets Segis, who is proving himself one of the best sons of King Segis. Among his A. R. O. daughters are two-yr-olds with records of 23.93 lbs., 19.14 lbs., 18 40 lbs., and he now has a three-year-old daughter in test with 21.72 lbs. to her credit.

DAM: Netherland Johanna Maid. She has twice done excellent work in official test, her latest record being 20.84 lbs. butter in 7 days. Her sire is by a brother to the sire of King Segis.

For further information address.

GRAHAMHOLM HERD
W. J. BOYNTON, Manager ROCHESTER, MINN.

HEIFERS FOR SALE

We have some very nice 2 and 3-year-olds to sell. Price $200.00 to $250.00. Also bull calves at Farmers' prices, $20.00 and up, some grandsons of King of the Pontiacs. Will sell cheap.

H. PERKINS & SON, RED CREEK, N. Y.

NORTHWESTERN WISCONSIN TO THE FRONT

The Northern Dunn and St. Croix County Holstein-Friesian Association Second Annual Sale

JUNE 10, 1914

at Glenwood City, Wis.

"THE BANNER SALE OF THE YEAR"

40 HEAD OF PURE BRED HOLSTEINS **20** HEAD OF HIGH GRADE FEMALES

"A SALE THAT IS PURELY CO-OPERATIVE"

S. B. PECK, General Manager, Boyceville, Wis. S. T. WOOD, Sale Manager, Geneva, Ohio

Write General Manager For Catalog

A Sire of $5,000 Quality
Pontiac Segis De Kol Kioka

Sire—King Pontiac Calypso—the best son of King of the Pontiacs.

Dam—Segis Pontiac Kioka.

At 4 years—

Butter 7 days	32.09
Milk	442.50
Average % fat	5.80

From a 24-lb. dam, and by one of the best sons of King Segis. Pontiac Segis De Kol Kioka will make a name for himself.

HIGH HILL DAIRY **Pulaski, Pa.**

Thos. McDonald, Prop. -:- **Arthur H. White, Mgr.**

FOR SALE

Three full age cows and one two-year-old daughter. Two of the cows average 20 lbs. A. R. O. records.

Also bull calf, straight, excellent individual, mostly white, born Dec. 28, 1913. Dam 19.85 lbs. A. R. O., sired by a bull whose dam's sire has four daughters over 30 lbs.

BELVOIR FARM, Lake Geneva, Wis.

SIR FAIRVIEW MANOR KORNDYKE

is a son of **PONTIAC KORNDYKE** and Fairview Manor Korndyke (27 82 lbs at 3 years), who was also by Pontiac Korndyke, and from a 24-lb. dam.

We can now offer bull calves by this sire from A. O. R. dams.

R. C. WILSON & SON

St. Lawrence Valley Farms **Constable, New York**

life within us, and if we are actuated by noble desires and high ideals then will our work be such as shall bring honor to ourselves and also to our Association. So let us realize more fully the importance of our calling, realizing that in breeding and developing our cattle we are doing that which will materially affect the happiness and welfare of coming generations.

PUBLIC SALE CALENDAR

June 10, 1914—Glenwood City, Wis. N. Dunn & St. Croix Co. Association. Second Annual Sale.

June 10, 1914—Grand Rapids, Mich. West Michigan Holstein Breeders' Third Annual Consignment Sale, at West Michigan State Fair Grounds.

June 10, 1914—Wellington, Ohio, Sooy Bros.

June 17, 1914—Louisville, Ohio. L. D. Marshall.

June 18—Wellington, Ohio. Frank P. Sutliff's 4th Individual Semi-annual.

June 22, 1914—Peninsula, O. Daely & B. E. Totten 90 head.

Oct. 15, 1914—Detroit, Mich. Michigan Consignment Sale Company's Seventh Annual Sale.

Oct. 19-20, 1914—Sterling, Ill. Third Annual Sale. Woodlawn Farms Company.

October 20, 1914—Woodstock, Ill. Second Annual Sale, McHenry Co., H.-F. Breeders' Association.

October 21-22, 1914—Barrington, Ill. Barrington Breeders' Association. Semi-annual.

Oct. 23, 1914—Lake Mills, Wis., 10th semi-annual sale. Lake Mills Breeders.

Dec. 11, 1914—North Portland, Ore. Second Annual Pacific-International. Geo. A. Gue, Mgr.

December, 1914—Syracuse, N. Y., Third Annual Dairymen's Sale; E. M. Hastings.

SON OF A 25,000-LB. COW.

Bull born Nov. 23, 1912. Sire, Canary Mercedes Pietertje Hartog 6th No. 78123. Dam, Royalton De Kol Violet No. 86460. Milk 1 day 119 lb, 30 days 3000 lb., 1 yr. 25,561, private record. See picture H.-F. World, Feb. 28, 1914 Three-fourths sister to Royalton De Kol Fern 73957, butter 7 days 25.7 lb., milk 7 days 681.3 lb., milk 1 day 103.1 lb., after giving birth to twin calves under unfavorable conditions. She is granddaughter of De Kol 2d's Paul De Kol No. 20735, and is now milking 80 lb. a day after being fresh 6 mo. This bull is good individual, nicely marked, tuberculin tested. Price f. o. b. cars Delta, Ohio, $250.00.

H. A. McQUILLIN
Delta, Ohio

WANTED—Am in want of a few extra good show animals for the Fall Fairs. Let me know what you have. Could also use 20 registered heifers.

C. E. Gschwind,
1452 Elm St., Youngstown, O.

Benninger's Sale of Registered HOLSTEIN-FRIESIAN CATTLE

Friday, June 12, 1914 on Allentown, Pa., Fair Grounds

75 to 100 head of high-class cows, bulls and calves out of A. R. O. dams. Write for list and plan to attend.

W. M. BENNINGER
Benningers, Pa.

MORE THAN A 36-lb. BULL

There are but a few bulls whose two nearest dams average over 36 lb., and where can you find a single one that equals this?

A son of the $15,000 son of the 44-lb. cow, and Elzevere Barnum De Kol, one of the heaviest producers and choicest individuals, as well as one of the greatest transmitting cows of the breed.

As a 4-yr-old she made records of 29.09 lb. butter, 579.1 lb. milk in seven days—115.23 lb. butter, 2294.3 lb. milk in thirty days, averaging 4.02% fat for both periods. She is a show cow of the first order, perhaps the best in my herd. She now has six A. R. O. daughters, including two above 26 lb., one 22 lb., and a 20-lb. junior 2-yr-old. She also has one good A. R. O. son. Her second son is now in service in my herd, and will be given every opportunity to make a reputation.

King Pontiac Barnum De Kol was born April 13, 1914, and, as might be expected from his ancestry, is a beautiful individual, of exceptional promise—seven-eighths white.

The records of his dam and sire's dam average:

Butter 7 days 36.63 lb. Butter 30 days 143.38 lb.

There are not enough of this kind to go around; so you will have to speak quick, and be sure to mention the *World*. He will bring wealth to any community to which he may go.

QUENTIN McADAM, BROTHERTOWN FARMS

23 SOUTH STREET, UTICA, N. Y.

IT IS CLEAR SAILING

if you fall in line with Sir Segis Korndyke Walker No. 59712.

Ten of his two-year-old daughters have freshened and have an average of 17.39 lbs. of butter in seven days. This average includes two heifers that freshened at seven months and one yearling. We have thirty-five more daughters that have not freshened, which are very promising and fine individuals. His sons are good ones, but few in number. Take this opportunity and have one sent to you subject to approval. If not as represented, return at our expense.

Write for pedigree and description.

F. C. & K. A. OVERTON

ADAMS, N. Y.

Grandsons of **PONTIAC KORNDYKE.** From one of his best sons **Sir Pontiac Roxie Korndyke** who carries over 50% same blood as **King of The Pontiacs.** Calves are from A. R. O. dams.

PEACEFUL VALLEY FARM

Oxford Depot .·. Orange County .·. New York

LAKESIDE HERD

Service Bulls, of the King of the Pontiacs, Model Family, Pontiac Korndyke, King of the Butter Kings breeding, as fine as can be seen in any stable in America.

Write for particulars, stating as nearly as possible what you prefer

E. A. POWELL 904 W. Genesee St., Syracuse, N. Y.

Breeder's Bulletin

Stevens Brothers Company, Liverpool, N.Y., write: The top price at the recent Sidney Sale was obtained for a son of King of the Pontiacs, and was $3000. $25,000 was recently paid for a half interest in one of his grandsons and no amount would purchase the old bull himself. The true value of the right herd sire is incalculable. Of course, we are all agreed that the true value of a herd sire is shown in his offspring. Some heifers, when in official test, disappoint the owners, others exceed anticipations. We have always expected great things of the offspring of Spring Farm King Pontiac. When we purchased him for $6000, we thought we were getting our money's worth. Time is showing that we certainly did. The first five daughters of this sire average 21 lbs. butter in seven day official test. The heifers are all two-year-olds and we believe this showing has never, age considered, been equalled by the first five daughters of any other sire.

The combination of breeding in the pedigree of this bull has already proven its value in K. P. Pontiac Lass, the world's champion cow for all periods up to 100 days. Now the bull's daughters have demonstrated the truth beyond all dispute. King of the Pontiacs is hale and hearty, and apparently good for many years of usefulness, yet who can blame us if we look to the future and see, as his successor at the apex of public favor, his splendid transmitting son, the bull who inherits and transmits producing ability of the highest order, Spring Farm King Pontiac.

Otto L. Ives, Guilford, N.Y., writes: I would say of our Tri-County Sale at Sidney, N.Y., that it was a success, had a good crowd and some good cattle. In the sale were three daughters of King of the Pontiacs and two of them came to stay on Greenview for a while. We have now three daughters of King, two sons, one carrying 75 per cent. of same breeding as John Arfmann's King Segis Pontiac Alcartra. We have twenty-six granddaughters of King Segis and a lot of other good ones. Herd numbers seventy head at the present time, with only one cow over six years old. Next year we are going to try and put better cattle in the sale than we had this time.

Allamuchy Farms, Allamuchy, N.J., write: We are pleased to report the sale of one of our best bred bull calves, sired by Korndyke Abbekerk, from the good record cow, De Kol Princess Tricksey 2d, No. 82076, to Mr. Geo. F. Smith, of Barre, Mass. Although the calf was sold by correspondence, and shipped out on approval, Mr. Smith writes that he is one of the best calves he ever saw, and considers him a bargain. This young bull is certain to produce stock of wonderful individuality and dairy qualities. His dam has a nice record of approximately 27 lbs. made without any preparation, and after having milk fever. Barring accident is certain to make 30 lbs. next freshening.

G. H. Truckell, Liverpool, N.Y., writes: The highest price at the Tri-

County Holstein Breeders' Sale, held May 20-21 at Sidney, N.Y., was paid by Clark & Smith, of Honesdale, Pa., for King Pontiac Fayne, a five months old son of King of the Pontiacs and Eirene Fayne, consigned by Dunham Brothers, of Bainbridge, N.Y.

King of the Pontiacs is acknowledged by nearly everyone to be the greatest living Holstein sire. He has now 103 A. R. O. daughters, which is more than has any other living Holstein sire. He is sire of the world's champion cow, K. P. Pontiac Lass, the only cow that ever produced 44 lbs. butter in seven days official test and for whom $10,000 was paid. He has three other daughters and two granddaughters with records of over 30 lbs. butter in seven days, and of the five cows, one was a four-year-old and four were three-year-olds, and everyone was at second calving. His own sire, Pontiac Korndyke, has eleven 30-lb daughters, and his dam's sire, Hengerveld De Kol, has nine daughters over 30 lbs. These two bulls lead the breed in respect to number of 30-lb. daughters.

Eirene Fayne, dam of the young bull, is a grand individual and a splendid producer. As a three-year-old heifer she produced 25.02 lbs. butter in seven days, 103.75 lbs. butter in 30 days. As a four-year-old she produced 27.15 lbs. butter, 505 lbs. milk, her milk averaging 4.3 per cent. butter fat. She has the capacity to go well over the 30-lb. mark at maturity, and just before the sale, although fresh early in December, was giving over 70 lbs. milk per day.

Her sire, King Fayne Segis, is one of the greatest transmitting sons of the great Holstein sire, King Segis, and was from Grace Fayne 2d's Homestead, 35.55 lbs butter in seven days, 134.18 lbs. butter in thirty days, both world's records at time of making. King Fayne Segis is the sire of Segis Fayne Johanna, 30.66 lbs. butter in seven days as a junior three-year-old, and at the ringside it was announced that he had another A. R. O. daughter that had just made over 32 lbs. butter in seven days official test.

The dam of Eirene Fayne is Pontiac Eirene, who made 20.42 lbs. butter in seven days when only 25 months old. She was sired by a son of Mercedes Julip's Pietertje's Paul, and therefore a brother to the great King Segis, and his dam was a daughter of Sadie Vale Concordia, the first 30-lb. cow.

The dam of Pontiac Eirene is Pontiac Peace, 20.13 lbs. butter in seven days, a daughter of Hengerveld De Kol. Thus the young bull carries the blood of the noted sires, King of the Pontiacs, Pontiac Korndyke, Hengerveld De Kol twice, King Segis, King Fayne Segis, Homestead Junior De Kol, and Mercedes Julip's Pietertje's Paul twice. He traces to some wonderful cows, including Belle Korndyke, 25.77 lbs. butter in seven days, Segis Inka, 28.04 lbs., A. & G. Inka McKinley, 29.62 lbs., and to the following one-time champions, De Kol 2d, 26.58 lbs., Mercedes Julip's Pietertje, 29.36 lbs., Sadie Vale Concordia, 30.64 lbs., Beryl Wayne, 27.87 lbs., and Grace Fayne 2d's Homestead, 35.55 lbs. butter in seven days.

King Pontiac Fayne is not only brother to the World's Champion Cow, but he is a brother to K. P. Manor

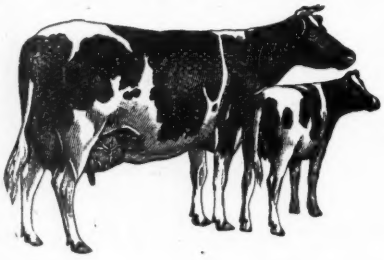
What the Specialists say about Holstein Cow's Milk

Dr. Thomas Morgan Rotch of Harvard Medical School, the great authority on infant life, says:

"Now from a medical point of view, the Holstein Milk is exactly what we find best for infant feeding, and it is an extremely good milk for any one to drink."

"The milk is good and nourishing, and comes nearer to human milk than that of any other breed of cows."

"As a physician dealing with infants, I have many instances coming to my notice of cases where the weaker milk of the Holstein cow is the only quality the stomach of the infant will retain. Many infants thrive upon it who could not digest the stronger quality given by other breeds."



The same qualities that recommend Holstein milk to physicians for infant feeding make it an ideal milk for any one with impaired digestion or for those who find ordinary milk distasteful. The butter fat is moderate in amount; it is finely emulsified and comparatively free from the volatile glycerides.

Holstein milk costs no more than ordinary milk. If you have any difficulty in securing it, write us and we will help you get it. In any case send for our free booklet, "The Story of Holstein Milk."

Holstein-Friesian Association

Box 182 **Brattleboro, Vermont**

The Best Investment

you can possibly make is in the right kind of a sire to head your herd. A good bull will make you a fortune, while one of the other kind will lose you money on every cow bred to him.

We are confident that we can offer you as much for your money as anyone. Here is a sample bargain—For $500.00, a bull calf born Dec. 5, 1913, handsomely marked, and a **right good individual**. His sire is the great show bull, Ormsby Korndyke Lad, whose two nearest dams average over 35 lbs. butter in 7 days, and over 138 lbs. in thirty days. He is a coming sire.

The dam of the bull, under conditions which would have laid out an ordinary heifer, produced 16.69 lbs. butter, 355.1 lbs milk in seven days as a junior 2-year-old. She is bound to be heard from in later tests. She has a right to be good, for she is sired by **Pontiac Korndyke**—the King of Holstein sires. Her dam is a 23.8 lb. 4-year-old, out of a 23 lb. cow, and by the century sire, De Kol 2d's Butter Boy 3d.

Where can you beat this combination for the money, especially when you consider the future prospects of the dam?

You ought to see this calf and his dam. Address

Harry B. Davis

Davisdale Farm **Chester, N. Y.**

A SALE OF QUALITY HOLSTEIN-FRIESIANS

WELLINGTON, OHIO, JUNE 10, 1914

50 - Registered Holstein-Friesian Cattle - 50

Consisting of A. R. O. cows with records from 18 to 22 lbs., fresh cows, springers and heifer calves.

Granddaughters of King of the Pontiacs. Pontiac Korndyke.
Paul Beets De Kol. King Segis.
De Kol 2d's Butter Boy 3d. De Kol 2d Mutual Paul.
Pietertje Hengerveld Count De Kol. Pontiac Aaggie Korndyke.

and a number of other noted sires. All animals over 6 months old will be tuberculin tested and guaranteed as represented. Come and get some good stock from the best of breeding. Catalogs ready June first.

SOOY BROS., Wellington, Ohio.

COL. BAYLOR, Auctioneer. S T WOOD, Sales Manager.

NEW YORK STATE SCHOOL OF AGRICULTURE AT ALFRED UNIVERSITY

offers Johanna Colantha Netherland No. 126295, born October 27, 1913. He is a fine, large, straight individual, a little dark in color but nicely marked. Sired by Sir Johanna Colantha Gladi, and from Jewel Colantha Netherland (A. R. O. 21.53 lbs.)

The picture of his dam and sire appeared in the World April 25. Look them up. He is a splendid calf and will develop into a fine bull.

Price $175.00. For further particulars address

E. E. Poole, Farm Supt., Alfred, N. Y.

SOLD

The bull advertised last week is sold—but here are some others that may be just what you have been looking for. They are certainly of high quality—and these prices contemplate quick sales

1. King Lunde Pietertje Pontiac No. 121630 Born Oct. 8, 1911. Sire: King Pontiac Pietertje No. 56609, a son of **King of the Pontiacs,** from a 25 lb. 3-yr-old. Dam: Netherland Polly No. 110014. (Untested as yet, but a great producer.) Price $175.00.
2. Segis Korndyke De Kol Pietertje No. 121118. Born Nov. 19, 1912. Sired by a son of the noted 37-lb. sire, King Segis De Kol Korndyke, and from the untested cow, De Kol Pietertje Pride 2d Daisy 127946. Price $75.00.
3. A son of the same cow as No. 2. Sired by Prince Korndyke Pontiac, my herd sire, a 33-lb. son of Pontiac Korndyke. This one was born Dec. 29, 1913. Price $100.00.

Here are grandsons of King of the Pontiacs, King Segis De Kol Korndyke and Pontiac Korndyke. Take your choice, but remember that they will go quickly.

HUGH J. DAVIS

MAPLE RIDGE HERD, BROADALBIN, N. Y.

THE BLOOMINGDALE HERD SIRES

Johanna Rue 3d's Lad, Hengerveld De Kol, and King Fayne Segis from a splendid succession of sires. Our herd consists almost entirely of their descendants.

At present we have in service:

Prince Hengerveld Fayne, No. 77461.

He was by King Fayne Segis and from Princess Hengerveld De Kol, (33.61 lbs.), who was by Hengerveld De Kol and from a 23-lb. daughter of Johanna Rue 3d's Lad. The records of his dam and sire's dam average 34.59 lb.

Beauty Walker Pietertje Prince, No. 7421.

His sire was from a 32-lb. cow and by the best son of Beauty Pietertje (30.51 lb.), the best daughter of the foundation cow, Prilly.

His dam, Marion Walker Pietertje (31.63 lb.), is the only 30-lb. cow in the world whose dam and both grandams are all 30-lb. cows.

His six nearest dams (all 30-lb. cows) have records averaging 31.65 lb.

In the past the Bloomingdale Sires have made good. We are content to base our future reputation on our present sires.

If you want to breed the money-making kind, secure a bull bred in the Bloomingdale lines.

Jacob Reger, Supt. **Address** **A. A. CORTELYOU, Prop.**
Belle Mead, N.J. **Somerville, N.J.**

Kate, 1023.41 lbs. butter in a year, the only two-year-old heifer that ever produced over 1,000 lbs. butter in a year in semi-official test. It is no wonder, with such splendid producing blood in his veins, backed by such royal ancestry, and possessing superb quality and conformation himself, that he should bring $3,000 when only five months old, and that his new owners should not only congratulate themselves on securing one of the greatest bred young bulls living, but should also have purchased his dam after the sale at a long price in order to be sure she should have a good opportunity to increase her present creditable official records, which, barring accidents, she surely will.

Field Notes

Latest advices from Woodcrest Farm, Rifton, N. Y., show that in sixty days Paula of Chagrin Falls 3d has produced 6280 lb. milk—the American record, displacing De Kol Creamelle, who has held the honor for some years. Here are the other records of this wonderful cow:

Butter 7 days	30.82
Milk 7 days	751.40
Butter 30 days	126.00
Milk 30 days	3124.00
Butter 66 days	272.00
Milk 66 days	6890.00
Milk 86 days	8890.00

Notice is received from Sec'y Wing R. Smith, that a regular meeting of the Holstein-Friesian Breeders' Club of New York will be held at the Yates Hotel, June 19, 1914, to act upon a proposition to incorporate under article 3 of the membership corporation law.

If for any reason you fail to receive your copy of the World promptly, we will esteem it a favor if you will notify us at once. We can then send you another copy. Don't wait a couple of months before telling us anything about it, for then our supply of back numbers may be exhausted.

In the Breeders' Bulletin this week is an account of the purchase of King Pontiac Fayne for three thousand dollars by Clark & Smith. This refers to Mr. T. B. Clark, proprietor of Knob Hill Farm, Honesdale, Pa., and G. Smith & Sons, Inc., proprietors of the Smithson herd of Seelyville, Pa.

NEW ADVERTISEMENTS

DUDLEY P. ROGERS—Four sons of Pietje Ormsby Burke.

J. H. PHELPS & SON—Son of the $50,000 bull.

F. P. SUTLIFF'S Fourth individual sale June 18th.

L. D. MARSHALL'S Sale, June 17th.

SOOY BROS. Sale, June 10th.

A. HURSH—$100 bull calf.

B. E. TOTTEN & D. A. ELY—Public Sale.

O. L. IVES—Eight young bulls from three to six months old.

HOUSLET & McNUTT—Service to a 40-pound bull.

QUAKER OATS COMPANY—Schumacher Feed.

H. PERKINS & SON—Two and three-year-old heifers for sale.

R. D. REYNOLDS—Three choice yearlings.

HENRY LATHROP & SONS—Tidy Abbekerk Prince.

STEVENS BROS. COMPANY—Concerning Spring Farm King Pontiac.

CHAS. WESTERHIDE—Three 20-pound junior two-year-olds.

Seek-No-Further Herd Holsteins

Headed by and bred to a 32-lb. grandson of King of the Pontiacs.

Offer one of his sons for sale from a 17-lb. jr. 3-yr-old granddaughter of Johanna Rue 3d's Lad. Price $100.00 for quick sale.

H. A. WARD, Prop. **GREGORY, MICH.**

FOR YOUR CONSIDERATION

"A good bull is half the herd but a poor bull is the whole herd."

JOHANNA KING SEGIS 71964

is the best bull in the Northwest. He is the son of the $7,000 40-lb. cow, Johanna De Kol Van Beers. You can start right at the top of the ladder when you have a chance to use such a sire as this one. Our order book is rapidly filling but we will take a few more choice cows at service fee of $250.00 and will breed cows with 20-lb. records or better on halves.

OAK GROVE AND TWIN PINE FARMS

HOUSLET & McNUTT - - - OXFORD, WIS.

ADDRESS ALL CORRESPONDENCE TO NEAL HOUSLET, OXFORD, WIS.

QUEEN MILK AND BUTTER CHAMPION, No. 74653 Herd Sire

He by a bull whose sire and dam combine two of the families of three generations of 30-lb. cows. His dam is the only cow that has ever made three records that average over 32 lbs. and given 120 lbs. milk in a day with each record.

Clayton Sisson **SHERBURNE STOCK FARM** **Sherburne, N. Y.**

PUBLIC SALE

Riverside Farm, Peninsula, Summit Co., Ohio

on Monday, June 22, 1914

beginning at 10 A. M.

90 head Registered Holstein Cows, Heifers and Heifer Calves, many that are very choicely bred, and all in the pink of condition. All animals over six months of age tuberculin tested.

Peninsula is located on the B. & O. Ry. 12 miles north of Akron, and 22 miles south of Cleveland. Trains leave Cleveland at 6:50 and 10:35, and Akron 6:25 and 8 A. M.

A. B. & C. Interburban cars leave Cleveland and Akron every hour. Off at Stop 62, three miles from Peninsula. All cars will be met from 7 A. M. up to and including the 12 M. car, on day of sale. Good hotel accommodations for those who wish to come the day before. All inquiries promptly answered.

CATALOG ON REQUEST

Col. D. L. Perry, Auctioneer

D. A. ELY
B. E. TOTTEN

WALKER LILITH ALTOANA

Only bull in the world whose dam's 2-yr-old and 3-yr-old records average over 30 lb. We offer a bull calf from a good granddaughter of King Segis.

HAROLD F. HUBBS, Kirkville, N. Y.

Alfalfa Hay

FOR A. R. O. TESTS

PIONEER FARMS

E. K. Munro Camillus, N. Y.

Two Heifer Calves, Granddaughters of KING OF THE PONTIACS And a Bull Calf, a Grandson of PONTIAC KORNDYKE

The dam of the bull has record of over 25 lb. Will sell the three for $650. This is the kind that will make you money. Address

R. E. DAVIS

Mexico, N.Y. R. D. 4

THE HOLSTEIN-FRIESIAN WORLD comprises from 24 to 40 pages and is PUBLISHED WEEKLY The 1913 volume contained over 600 ILLUSTRATIONS of the GREAT ANIMALS OF THE BREED Price per year (52 numbers) is $1.00.

Baled Shavings for Stable Bedding

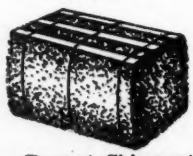
Cheaper than Straw. A necessity in sanitary dairies. Best absorbent. Destroy odors. Improve manure. Write for carload price, delivered.

(Middle States) (Eastern States)

Oscar Smith & Son New England Baled Shavings Co.

ALBANY, N.Y. ALBANY, N.Y.

Low Prices



Prompt Shipment

THEY SNAP THEM UP LIKE "HOT CAKES"

The Holstein public is beginning to appreciate more than ever the quality of

Sir Veeman Hengerveld

We have but a few of his sons old enough for service left to offer. The one advertised last week is sold already.

Here is one of the best—out of a 14-lb. 2-yr-old that is scheduled for a big record in future tests. She was by Sir Korndyke Pontiac Artis, and from a 17-lb. 2-yr-old daughter of **Sir Veeman Hengerveld** and a 25-lb. cow. Not a weak spot in the whole pedigree —and **a double cross of Sir Veeman Hengerveld.**

This bull was born July 2, 1913, and is a beautiful individual (all of the get of Sir Veeman are built that way), two-thirds white. Ready to use now, and the price is right.

W. D. ROBENS

Pleasant Hill Herd :: Poland, New York

N. B.—If you want to raise your own herd bull from your best cow, you can breed her to Sir Veeman Hengerveld for $100.00.

KING MASTER. No. 117183

ONE OF THE BEST BRED HOLSTEIN BULLS ALIVE

Individually, he is considered by Breeders **"Who Know"** as one of the best; having all of the qualifications of a prize-winner and breeding backed by known transmitting ancestry.

His sire, **King of Kings,** whose only daughter to be tested has a senior two-year-old record of 23.39 lbs. butter in 7 days.

His dam, **Aaggie Pauline Sarcastic,** with a record of 36.35 of butter in 7 days, average per cent fat 4.69; and 134.95 of butter in 30 days, average per cent fat 4.29; is one of the World's Record cows. She is the highest record show cow in the world; this proving conclusively her superior excellence in every respect.

His grandsire, **Lord Netherland De Kol,** has more A. R. O. daughters and more producing daughters than any other sire, living or dead.

His grandam, **Susie Hengerveld De Kol,** with a record of 27.62 of butter in 7 days, average 5.12%; is the dam of three A. R. O. daughters; her record, when made, was the world's record. This is one of the few really great foundation cows, rich in the blood of the World's Record cows, **De Kol 2nd,** 26.57 of butter and **Susie De Kol,** 25.30 of butter.

As stated by a prominent Holstein breeder: "What goes into an animal through its ancestors will come out through its descendants." Therefore, from the breeding above outlined, is it not convincing evidence that **KING MASTER** is the **PREMIER BRED BULL?**

SERVICE, TO INSURE A LIVE CALF, $150.00

Do some of you breeders need high record young bulls to build up your herds? If so, write us. We have them.

GREEN ACRE FARMS

JOHN A. MILLER, Prop.
Nazareth, Pa.

CALVIN TOBIAS, Supt.
R. F. D. No. 3, Nazareth, Pa.

Where Can You Beat This?

Two sons of the great Gordon Glen Pontiac No. 43573 the sire of the world's record 28 lb. junior 2-yr-old, two others with records above 25.50 lbs. as junior twos, and another with 30 lbs. as a 3-yr-old, as a young sire with only a few tested daughters he has no equal.

The dams of these youngsters have 22 lbs. as 3-yr-olds, price $100 each.

Also a few from 30 lb. dams, all born in January, 1914.

For further particulars address

B. MEYER, Finderne Stock Farm, Finderne, N. J.

KING LUNDE PONTIAC KORNDYKE

The Greatest Young Sire of the Breed

The ONLY son of King of the Pontiacs from a dam with a semi-official year record of 1090.91 lbs butter and 26192.7 lbs milk (over 13 tons). Nearly 102 lbs milk per day for 100 days.

Send for our new printed matter. It will give full description of him, also description and prices of some of the choice, richly bred, heavy producing, A. R. O. cows and heifers, we are offering, in calf to him.

We can offer a few of his sons from high record dams.

A visit to our farms will convince you of the superior merits of the Greenwood Herd and of its wonderful herd sire, KING LUNDE PONTIAC KORNDYKE.

E. H. KNAPP & SON, - - - Fabius, N. Y.

EMBLAGAARD HERD

Sires in Service:

Colantha Johanna Champion 45674. The proven son of Colantha 4th's Johanna

Emblagaard Prince 80596. A son of Segis Walker Pietertje, 27.85 lbs. at 3½ years. His sire's dam, Abby Hartog Clothilde, 31.39 lbs., and dam's dam, Ruby Walker Pietertje, 30.21 lbs., are two of the only 30-lb. cows of the breed that have produced 30-lb. daughters, that have also produced 30-lb. daughters.

EMBLAGAARD DAIRY BIG BAY, MICHIGAN

STOP AND TAKE NOTICE

Bull born Jan. 19, 1914—⅞ white, straight, very stylish, cannot help but please you.

Sire—WOODCREST AAGGIE LAD
First daughter just tested jr. 2—better than 16 lbs. in 7 days, milked 60 lb. per day. More to follow.

Dam—LIEUWKJE PAULINE DE KOL WAYNE 2d
3 yrs. butter 25.30
Full sisters—Lieuwkje Lynfeld Pleasant Valley Kate, 36.15; Lieuwkje Pauline De Kol Wayne 3d, 2 yrs. 2 mos. butter 22.98.

HOMESTEAD GIRL DE KOL SARCASTIC LAD
103 A. R. O. daughters
WOODCREST AAGGIE TEHEE
4 yrs.—Milk 7 days 645.3. Butter 24.53.
Milk 30 days 2619.3. Butter 100.08.

SIR WOODCREST KORNDYKE KATE DE KOL
15 A. R. O. daughters, average better than 25 lb.
LIEUWKJE PAULINE DE KOL WAYNE
Butter 30.47
Her sire, a full brother to:
Aaggie Cornucopia Pauline 34.32

Also a few heifer calves, sired by better than 30-lb. sires, fine individuals. A. R. OWEN, Maplewood Farm, Goshen, N.Y.

Lyndon Alcartra Polkadot

at 5 years.....32.67
at 4 years.....28.20
at 3 years.....23.93
at 2 years.....16.32

From the great 29-lb. cow, Alcartra Polkadot, and by a son of the former World's Champion, Grace Fayne 2d's Homestead (35.55 lb.)

We sold her in The 1914 Sale to John Arfmann for $3,000.00

Her son, Pietje Alcartra Fayne, heads our herd.

Don't you want one of his sons from a high-record dam?

They are promising fellows.

J. W. PRENTISS & SON

ALSTEAD, Cheshire County, New Hampshire

THEY HAVE THE CLASS

We offer two grandly bred bull calves of outstanding individuality.

No. 1. Born Jan. 2, 1914.
Sire—Son of a 29.63-lb. cow.
Dam has—Butter 7 days .... 28.071 lb. Milk 656.6 lb.
Butter 30 days ...115.05 lb. Milk....2742.3 lb.
Milk one day 98.3 lb.

No. 2. Born Dec. 29, 1913.
Sire—Grandson of King of the Pontiacs, out of a 20.43-lb. two-year-old granddaughter of De Kol 2d.
Dam has—Butter 7 days 23.263 lb. Milk 547.4 lb.
Butter 30 days ...96.466 lb. Milk 2247.9 lb.
She a daughter of Lord Netherland De Kol (121 A. R. O. daughters).

These calves are choice in every respect and the price is very reasonable. Don't pay until you receive the calf. We can help you make money.

E. C. BRILL Stewartsville, N. J.

26-lb. BULL CALF

Born Dec. 5—9-10 white. Sire, Inka Princess Mutual De Kol Son. Dam's record, 33.25 lb. butter, 711.9 lb. milk. Dam, Maple Ledge Clothilde Korndyke (18.83 lb. butter, 421 lb. milk as a junior 3-yr-old). Sire, the 37.68-lb. bull, Fairview Korndyke Lad. 8 dams of this calf average 26.95 lb. butter. A dandy individual, guaranteed to please, or your money refunded. Price $150.00 f. o. b. cars.

MARBLE VALLEY STOCK FARM R. F. Mead West Rutland, Vt.

JENNINGHURST STOCK FARM

TOWANDA, PA.

Home of RAG APPLE KORNDYKE the greatest son of Pontiac Korndyke, offers a few choice bull calves.

W. W. JENNINGS, Towanda Pa.

Lacona Breeders

Henry Stevens & Son—ad. on back cover page.

GRANDSON OF KING OF THE PONTIACS—From a 15-lb. 3-yr-old. More black than white. Price $40.00 with all papers. Also a bull calf born Feb. 21, 1914 from an 18-lb. cow. She gave 65 lb. milk in a day. Nicely marked. Price $25.00 with all papers. These prices mean an immediate sale.

D. J. Hollis, Lacona, N.Y.

BELLEVUE HERD—Is headed by King Pontiac Artis Prilly, who was by a son of King of the Pontiacs, and the wonderful prize winner, Pontiac Artis (31.71 lb. in 7 days, 1076.91 lb. in a year), and from a great producing daughter of King Prilly, who is a son of Prilly—the "Queen of the Breed." This combination is producing a splendid lot of heifers that will be heard from.

H. A. Prescott, Prop., Lacona, N.Y.

WE STILL HAVE THREE CHOICE yearlings, two by a 21-lb. sire; the other by a 29.86-lb. son of De Kol 2d's Butter Boy 3d. Also a few cows.

R. D. Reynolds, Lacona, N.Y.

WHEAT HILL HERD—Headed by Pleasant Hill Pontiac Veeman Wayne—one of the best bred young sires of the breed. When in need of good cattle come to Lacona.

W. J. Snyder, Lacona, N. Y.

A bunch of Big Growthy Heifers, due next fall—extra promising individuals, finely bred, in calf by a good bull.

B. E. MEAD, Lacona, N.Y.

A 22-LB. BULL $75.

Dam gave over 70 lb. milk per day, and over 22 lb. butter in 7 days. Sire—a well bred son of the $2,000 bull, Pontiac Korndyke Hengerveld. Nicely marked, and a very handsome growthy calf—born Apr. 9, 1914. Address

UTILITY HERD, Lacona, N.Y.

THE $15,000 BULL

The highest priced animal of the breed. **We sold him.** We have others that we will sell for less money.

COLVIN & DESHANE, Richland, N.Y.

SON OF A 20-LB. 4-YR-OLD, $40.00—Sire's two nearest dams average 27.8-lb. Strong in Korndyke breeding. Calf is light in color, and a very promising individual. Come to Lacona for good Holsteins.

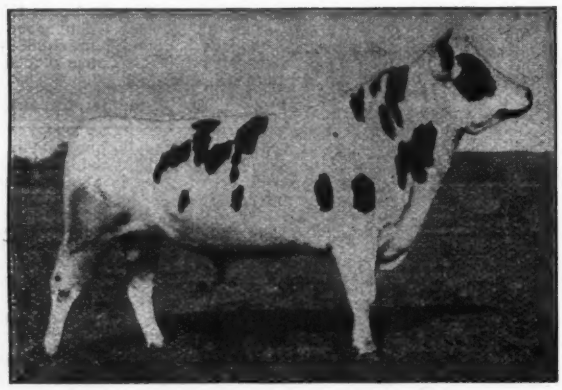
PINE RIDGE HERD.

A. T. Blount Lacona, N. Y.

BROOKDALE HERD—Offers a bull calf born March 26, 1914. Light in color, and a very fine individual. Sire, a 25-lb. son of King Pontiac Artis, who was by **King of the Pontiacs**, and from a 31-lb. dam. Dam was by Woodcrest Aaggie Jewel Son, whose dam was former champion 2-yr-old. Grandam by Korndyke Abbekerk—a ¾ brother to King of the Pontiacs. Great grandam by King Segis. He is priced to sell quick.

J. D. Hagan, Mannsville, N. Y.

KING LYONS 71155



KINGLYONS No 71155. BORN MARCH 23, 1910

Moyerdale Herd Sire the Successor of the Great King Segis

Moyerdale Farm, the home of the greatest producing cows of the Black and White breed.

Moyerdale Farm, the home of the great King Segis, the greatest 9-year-old sire and grandsire of the breed. 82 officially tested daughters, 365 officially tested granddaughters, 447 officially tested daughters and granddaughters.

His first seven dams in the first four generations have seven-day records that average 30.26 lbs. each. Sire, COLANTHA JOHANNA CHAMPION 45674, a son of COLANTHA FOURTH'S JOHANNA. Butter, 7 days, 35.22 lbs. Her sons have sired the following world record heifers:

COLANTHA JOHANNA CHAMPION the sire of:
Woodcrest Colantha Pietje, milk 20859.7 lbs. at one year, a world record.
COLANTHA JOHANNA LAD, the sire of:
Dutchland Colantha Vale, a junior two-year-old, milk 22750.2 lbs. one year, a world record.
Dutchland Colantha Mona, a junior three-year-old, milk 22645.6 lbs., one year, a world record.
Dutchland Changeling Colantha Lad, a junior three-year-old, butter 945 0 lbs. one year, a world record.

What more could you ask of the sons of any one cow?

The dams of the following 30-lb cows appear in the breeding of King Lyons:

Grace Fayne 2d Homestead 33 55
Colantha 4th Johanna 35.22
Betty Lyons Netherland 34.71
Blanche Lyons Netherland 34.36

By request I will be pleased to send you by mail a large sized, beautifully gotten up tabulated pedigree printed on linen back paper showing photographs of the great ancestors which are contained in the breeding of King Lyons

Only two sons of King Lyons are left for sale, a few other choice bred bull calves.

H. A. MOYER, Syracuse, N. Y. - - WM. B. SIMPSON, Supt.

HOLSTEIN-FRIESIAN FACTS

THAT EVERY ONE SHOULD KNOW

Banostine Belle De Kol, the CHAMPION COW OF THE WORLD, was bred, reared and developed at Maplecrest Farm.

High-Lawn Hartog De Kol, the only cow the world has ever produced to make over 1200 pounds of butter in a year and have a daughter to do the same, was bred, reared and developed at Maplecrest Farm.

Daisy Grace De Kol, the greatest Junior four-year-old the world has ever produced, was bred, reared and developed at Maplecrest Farm.

The only three daughters of one sire each to produce over 1200 lbs. of butter in a year were bred, reared and developed at Maplecrest Farm.

Friend Hengerveld De Kol Butter Boy, the sire of all of the cows mentioned above, is now owned and in service at Maplecrest Farm.

Only fifteen of the leaders in the various Holstein-Friesian classes were reared and developed by the person who bred them. Five out of the fifteen were bred, reared and developed at Maplecrest Farm.

Maplecrest Farm has bred, reared and developed as many of the six greatest yearly record Holstein-Friesian cows as all other breeders and firms combined.

Pontiac Aaggie Korndyke, the Junior sire at Maplecrest Farm, has more 30-lb. daughters than any other living sire. Only three other sires have ever had more 30-lb. daughters than he now has. One of these was his own sire and another the sire of his dam. No other sire ever had as many 30-lb. daughters at his age.

The daughters of Pontiac Aaggie Korndyke have made greater yearly records than have the daughters of any other sire except Friend Hengerveld De Kol Butter Boy.

Euphrasia A., the great foundation cow of Maplecrest Herd, has more great cows tracing back to her all the way through females than any other cow living or dead.

At Maplecrest Farm three cows have been bred, reared and developed each of which has made more than 1200 lbs. of butter in a year. One cow to produce over 1200 pounds of butter in a years is as many as any other breeder or firm has been able to breed, rear and develop.

A few choice bull calves for sale.

THE MAPLECREST STOCK FARM COMPANY Successor to DAN DIMMICK & BRO.

Telephone Connection between Farms and Office

OFFICE AT KALAMAZOO, MICH. FARMS AT EAST CLARIDON, OHIO

What Constitutes Good Breeding?

Good breeding in the Holstein sense is the known inherited tendency to produce large quantities of milk and butter-fat, and transmit these qualities to succeeding generations, maintaining at all times a high standard of individual merit. The last essential is often overlooked, but in our opinion it is one of the most important parts of the whole question, for in order to make a success of our breeding operations, we **must produce good individuals.** Failing in this, we cannot achieve real success.

Last week we attempted to show that the present position of the Holstein cow was due to her superiority as a milk producer. In view of this fact, we cannot understand how it is that so many breeders fail to distinguish between a cow that makes a 30-lb. butter record from 400 lb. milk and one that makes the same amount of butter from six or seven hundred pounds of milk. Both are 30-lb. cows, and that seems to be as far as many are looking. In the former case we have an abnormal record for a Holstein, and who can say what she will be able to transmit to her offspring? On account of this uncertainty we cannot properly consider such a record as indicating good breeding, for good breeding, as it has been defined, is the KNOWN inherited tendency. The latter, however, is an instance of real 30-lb. capacity, with no uncertainty as to its being transmitted, for it is made in accordance with the characteristic which has been bred in the Holstein cow for centuries.

To our mind the pedigree of Kearsarge Pontiac Butter Boy is practically ideal, embodying as it does all the qualifications pertaining to good breeding in its highest sense.

INDIVIDUALITY is there in every line—dam, sire and the bull himself.

TRANSMITTING POWER is there. Here are facts:

1. The sires and dams in the first four generations back of Kearsarge Pontiac Butter Boy together have 584 A. R. O. daughters.

2. Fourteen daughters, and one hundred seven granddaughters of these sires and dams have 7-day butter records above 30 lb.

3. Thirty-one daughters of these sires and dams have 7-day milk records above 600 lb., the 31 average 664.4 lb.

4. Seven of their daughters and twenty-three of their granddaughters have yearly milk records above 20,000 lb., the thirty averaging 25,413.3 lb.

RECORDS are there—good normal records above 30 lb. of butter in seven days, and milk records which place **Kearsarge Pontiac Butter Boy in a class by himself.**

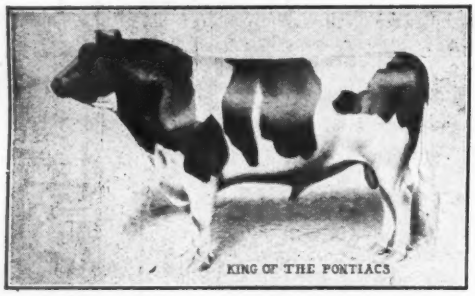
The average milk records of his dam and sire's dam are unapproached by any other bull east of the Rocky Mountains, and when to these records are added the records of two sisters of his sire, the resuling average milk production is unapproached by any other sire that ever lived.

If you are building for the future, and want to get in a position to supply the coming demand for Holsteins that produce milk, why not breed your best cow or cows to Kearsarge Pontiac Butter Boy, and get something really worth while? The present service fee for approved cows is $100.00.

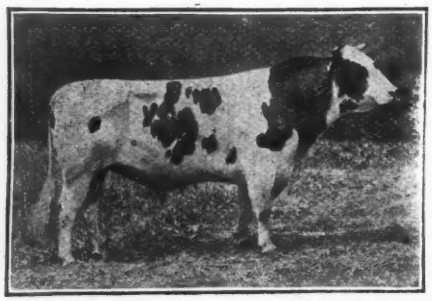
Hastings & Prescott

Lacona, N. Y.

His grandsire
PONTIAC KORNDYKE
92 A. R. O. daughters
11 over 30 lbs.
29 over 25 lbs.
53 over 20 lbs.
14 granddaughters over 30 lbs.



His sire
KING OF THE PONTIACS
103 A. R. O. daughters
One 44-lb. daughter.
3 over 30 lbs. with 2d calf.
58 daughters over 20 lbs.
1 34-lb. three-year-old granddaughter.
1 31-lb. three-year-old granddaughter.



The bull himself
SPRING FARM KING PONTIAC

His first daughters to freshen all two-year-olds, average 21 lbs. butter in seven days.

Starting off like a "World Beater."

Three generations of splendid sires. Now is your opportunity to secure the blood of the youngest, who by right of worth and inheritance will, in the near future, succeed to the position held by his father and grandfather—"Leader of the A. R. O. Sires."

STEVENS BROTHERS CO.

LIVERPOOL, N. Y.

Fairview Farms

SIRES IN SERVICE:

King Korndyke Maid who was by Pontiac Korndyke and from Pontiac Kornkyke Maid (33.76 lb.)

Maplecrest De Kol Paul—a son of Friend Hengerveld De Kol Butter Boy, from a 30-lb. 4-yr-old daughter of Pontiac Aaggie Korndyke.

No other herd has in service two 30-lb. bulls by sires of the quality of these.

Write us your wants.

R. T. Eastman, Prop., Littleton, N. H.

Maplehurst Farms

Herd Sires—

King Pontiac Canary, a son of King of the Pontiacs, from a 26-lb. daughter of Canary Mercedes Alban.

King Segis Pontiac Canary, a son of King Segis Pontiac, from a 30-lb. daughter of Canary Mercedes Alban.

The combination of these sires with our high record daughters of Lilith Pauline De Kol's Count, and other noted sires, cannot fail to get results.

Lamb & Langworthy

EAST HAMILTON, N. Y.

HERE THEY ARE

Eight young bulls from three to six months old, all sired by Willowbridge Butter Boy De Kol 2d, 86142. They are nice ones and are priced to sell.

Herd not tuberculin tested, we have rugged healthy cattle.

O. L. IVES

GREENVIEW HERD GUILFORD, N. Y.

Ohio's Greatest of Spring Sales : : The Frank P. Sutliff

FOURTH SEMI-ANNUAL SALE

75 - REGISTERED HOLSTEIN-FRIESIANS - 75

Two Miles East of Wellington, Ohio, June 18, 1914, at 1 o'clock P. M.

My many Friends and Customers will know what this means.

A. R. O. cows, cows, heifers, heifer and bull calves of great breeding and individuality.

16 Fine Cows from the great herd of Drs. Corkwell & Best, Newark, Ohio.

10 high bred and heavy producing Cows from the well known herd of H. A. Voegele, Crestline, Ohio.

11 Granddaughters of the great King of the Pontiacs, sire of the world's record K. P. Pontiac Lass, 44.18 lb. A. R. O.

Granddaughters of Pontiac Korndyke, sire of the first 37-lb. cows, King of the Pontiacs, Pontiac Aaggie Korndyke, a young sire in the Dan Dimmick herd, he now has six 30 lb. daughters.

Granddaughters of King Segis Pontiac, sire of King Segis Pontiac Alcartra, that one half interest just sold for $25,000.

A daughter of Admiral Prilly Walker.

6 Daughters of Korndyke Beets De Kol, whose two sisters, his dam and sire's dam average over 30 lb. A. R. O.

9 daughters of another good sire.

A young grandson of Pontiac Korndyke, his dam an 18-lb. daughter of a 26-lb. cow, sired by De Kol 2d's Mutual Paul, SOME CALF—THIS!

Cows bred to good sons of King of the Pontiacs and King Segis Pontiac.

Others to my herd bull Admiral Spofford Walker, 121765,—whose fifteen near dams average 29½ lb., and he is a son of the great King of the Black and Whites.

No pains, time or money have been spared to make this the best of Ohio's Spring Sales.

A Sale where your boy can buy as cheaply as yourself; a Sale, clean of any overhead or underhanded business; a sale where every animal will change its home absolutely; a sale where all over six months of age will be tuberculin tested by veterinarians whose certificates will be approved by the State Veterinarian; a sale where you take positively no chances, as every animal will be guaranteed as represented, that guarantee backed by my honor, reputation and financial responsibility.

This should be the buyer's opportunity to secure high-class stock at reasonable prices and liberal terms.

Wellington is reached by the Big Four, W. & L. E. R. R. and the Cleveland & Southwestern Electric Line.

FREE automobile service to the sale.

COL. C. E. BAYLOR,
Auctioneer.

FRANK P. SUTLIFF,
8604 Wade Park Ave.
Phone-Prin. 130, CLEVELAND, OHIO

GRAND VIEW HERD

A BUSINESS HERD THAT IS MAKING GOOD

First we used Veeman Butter Boy—a son of De Kol 2d's Butter Boy 3d. One of his 4-yr-old daughters has just completed a 30-lb. record. Her other daughters look just as good.

Our next sire was Count Pontiac, by Sir Korndyke Pontiac Artis, and from a 29.88-lb. 4-yr-old daughter of Sir Veeman Hengerveld.

Our Present Herd Sire is SPRING FARM KING AGATHA, the only sire in service whose three nearest dams average over 35 lb. This includes a 3-yr old and a 4-yr old.

Don't you want some of this combination?

WATKINS BROS., Camden, N. Y.

REST EASY HERD

HOME OF THE WORLD'S RECORD SON OF KING OF THE PONTIACS

King Pontiac Mayflower No. 105149, represents H. M. Dunham's judgment of what constitutes a desirable son of King of the Pontiacs, and Mr. Dunham's opinion on this point ought to carry weight, considering that for several years he has had charge of the daughters of King of the Pontiacs that have been making history for the breed.

The dam of King Pontiac Mayflower is the former World's Champion; Mayflower Lilith Pauline, with records at 3½ years of **510.9 lb. milk, 31.14 lb. butter in 7 days, 2185.6 milk, 128.13 lb. butter in 30 days.** Average test for 30 days **4.69 per cent fat.**

The owners announce that a few more approved cows will be received for service to King Pontiac Mayflower at $150 to insure a live calf.

A few young bulls are offered sired by Spring Farm King Pontiac, a brother to the 44-lb. cow. Two of these are from a 30-lb. daughter of Tidy Abbekerk Prince. Address (mentioning the World.)

H. M. DUNHAM & SONS, Marcellus, N. Y.

FAIRVIEW FARMS HERD

IN talking about great bulls, do you ever stop and think what a great bull really is? Did you ever study the breeding of **Rag Apple Korndyke 8th No. 73416**—the strongest bred Korndyke bull in the world. His dam, **Pontiac Lady Korndyke** (38.03 lbs. in 7 days and 156.92 lbs. in 30 days, both World's records when made) is a 75% daughter of **Pontiac Korndyke** out of **Lady Korndyke Pauline De Kol** (29.14 lbs. in 7 days and 115 lbs. in 30 days) also a daughter of **Pontiac Korndyke. Rag Apple Korndyke 8th** is sired by **Rag Apple Korndyke,** a son of **Pontiac Korndyke,** out of **Pontiac Rag Apple** (31.62 lbs. in 7 days) and a full sister to **Pontiac Clothilde De Kol 2d** (37.21 lbs. in 7 days). **Rag Apple Korndyke 8th,** therefore, traces four times direct to **Pontiac Korndyke,** and carries 75% of the blood of this greatest of all sires of the past.

Come and see Rag Apple Korndyke 8th and his splendid sons and daughters at Fairview.

E. H. DOLLAR, Heuvelton, N. Y.

THE GREAT BULL---Lewis Prilly Rouble Hartog 2d---Son of Addie De Kol Hartog

Of the four families of three generations of 30-pound cows,

Three Families are Produced by the Animals of His Four Generation Pedigree.

DAMS	DAUGHTERS	GRANDDAUGHTERS
Abby Hartog Clothilde 605.9 milk, 31.39 butter	Addie De Kol Hartog at 4 y. 1 mo. 518.7 milk, 30.50 butter	Addie De Kol Hartog 2d at 3 y. 640 milk, 30.68 butter
Buttercup Clothilde Pietertje 576.7 milk, 32.92 butter	Mary Walker Pietertje 603.5 milk, 31.81 butter	Marion Walker Pietertje 560.7 milk, 31.63 butter
Beauty Pietertje 518.8 milk, 30.51 butter	Lillian Walker Pietertje 611.6 milk, 30.01 butter	Ruby Walker Pietertje 30.21 butter

Average. 580.1 lbs. milk. 31.07 lbs. butter

No other bull, living or dead, combines so closely the blood of so many large producing sires and dams, (the only two animals, not in his four generation pedigree, involved in the three-fold succession of 30-pound cows, are Admiral Walker, sire of Lillian Walker Pietertje and Admiral Walker Pietertje, sire of Mary Walker Pietertje.)

See the Next Issue for the Other Great Bull, SIR PRILLY WALKER.

FOR SALE—Four young bulls. Sire, the Prilly Rouble bull. Dams, daughters of Prilly Walker.

Meadow Brook Farms, Blairstown, N. J.

JOHN C. SHARPE, Proprietor **R. L. WILLIAMS, Superintendent**

OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS.

From April 24 to April 25, 1914—259 Cows.

Name of Cow and Owner	Lbs. Milk	Per cent. But. Fat.	Lbs. But. 80% Fat
Full Aged Class.			
Sadie Cornucopia Wayne 112498, Quentin McAdam	556.2	4.52	25.138
Thirty-day record	2338.6	3.96	92.564
Springdale Ononis Vale 124154, E. C. Brill	588.7	4.24	24.976
Thirty-day record	2461.4	4.15	102.176
Fairview Colantha Korndyke 112108, C. I. Corby	585.6	4.23	24.781
Fourteen-day record	1156.8	4.15	48.059
Gluck Vassar Bell 97520, D. D. Aitken	464.2	5.27	24.463
Thirty-day record	2138.6	4.53	97.030
Bessie Kay of Fine View 138154, E. C. Brill	546.6	4.46	24.404
Aaggie Cornucopia of Dutchland 80000, D. W. Field			
Thirty-day record	2563.3	3.53	90.621
Sixty-day record	5036.9	3.41	172.033
Clintonia Sarcastic Maid 11373, Claire Cobb	504.8	4.70	23.726
Mutual De Kol Sadie 114323, Arling Cobb	507.7	4.64	23.534
Lady Jewel Mechthilde 92976, Claire Cobb	495.1	4.73	23.419
Jaunty Nell 2d, 128936, E. C. Brill	656.7	3.42	22.456
Thirty-day record	2742.3	3.35	91.839
K. P. May Pietertje 101875, Stevens Brothers	426.6	5.09	21.695
Brooklawn Queen 112760, W. J. Clark	559.6	3.72	20.821
Brooklands Louise Vale 115126, Burr Bros.			
Thirty-day record	2213.5	3.63	80.484
Myrtle Annie Paul 97733, Truman C. Denham	458.3	4.44	20.394
Mignone Twisk Queen Lilith 90468, R. M. Stone & Son	501.2	4.02	20.150
Thirty-day record	2126.9	3.74	79.649
Burnemeade Juliana 147453, James N. Jarvie	600.7	3.31	19.992
Thirty-day record	2570.0	3.19	82.035
Sixty-day record	4972.3	3.23	160.798
Flora Belle Wayne 143281, A. B. Miles	490.9	4.03	19.800
Tula Hengerveld De Jong 120329, D. D. Aitken	463.1	4.19	19.400
Fairview Lady Pauline Korndyke 127658, C. I. Corby	475.5	4.06	19.283
Thirty-day record	2182.8	3.37	73.558
Miss Korndyke Canary Mechthilde 115033, Roy Hickey	445.3	4.31	19.204
Zuba Burke Veeman 106185, Henry Lathrop & Sons	459.8	4.11	18.887
Manor Rosalind Belle Korndyke Wayne 91241, W. H. Grenell	529.1	3.55	18.799
Our Favorite De Kol 92910, E. C. Brill	549.1	3.39	18.610
Thirty-day record	2264.7	3.41	77.123
Clothilde Josephine Nudine 92691, W. S. Moscrip	530.0	3.51	18.609
Wadmantje Colanthus 124803, W. P. Mayhugh	466.3	3.90	18.182
Fourteen-day record	885.4	3.96	35.087
Mable De Kol Pietertje 83271, Geo. R. Hill	464.1	3.86	17.930
Princess Korndyke 100420, E. C. Brill	423.5	4.20	17.804
Brooklands Vale 115133, Burr Bros	531.4	3.30	17.550
Beryl Favorite De Kol 77446, Burr Bros.	517.6	3.37	17.467
Pansy Dell Amarilla 80418, Paoling Dairy Farm	490.9	3.55	17.436
Thirty-day record	2093.8	3.39	70.931
Jean Korndyke Segis 111966, Ernest V. Maltby	387.5	4.42	17.125
Johanna Vale Tietje 111634, H. Stillson Hart	413.1	4.09	16.906
Maud Twisk 2d's Pauline 3d 124245, W. E. Leonard	485.4	3.48	16.898
Fricka Mutual Korndyke De Kol 115928, C. A. Baker	506.1	3.33	16.861
Carrie Bowen De Kol 229563, J. W. Prentiss & Son	440.0	3.66	16.232
Idol Wild Rose 62998, R. E. Haeger	360.2	4.49	16.169
Sadie Netherland Paul 4th Princess 109409, owner, John S. Gates and H. C. Abbott	411.8	3.91	16.152
Lady Pietertje Witkop Lilith 139163, James Male	374.4	4.31	16.149
Myra De Kol Fairfax 2d 95898, Geo. F. Smith	491.4	3.18	15.633
Friend Aaggie De Kol Queen 189463, John B. Irwin	445.6	3.49	15.539
Pauline Mutual Jewel 196023, E. G. & S. E. Stoddard	422.1	3.55	14.987
Daisy Allen 2d's Margaret 89424, R. J. Dennison	339.3	4.30	14.580
Julia Jettine 88322, Nathan Dickinson	428.8	3.39	14.541
Viola Keyes Posch 94094, James Male	513.0	2.77	14.197
Duchess Calamity Wayne De Kol 95997, Samuel Runner	411.3	3.42	14.053
Holland Korndyke Netherland 119255, James Male	371.7	3.76	13.970
Maggie Roe 2d 113380, Irving N. Roe	498.3	2.78	13.892
Arcady Pontiac Edith Grace Beets 108971, T. E. Getzelman	416.0	3.33	13.887
Bodora De Kol Maid 139567, A. M. Cole	470.0	2.91	13.695
Senior Four-year Class.			
Vinita Alice Segis 134536, E. L. Hotchkiss	555.0	3.45	19.150
Queen Segis of Brookside 130737, Stevens Bros. Co.	414.2	4.59	19.032
Dolly Gorter 3d 131705, Claire Cobb	455.7	4.15	18.932
Dutchland Colantha Ladoga 120778, F. F. Field Holstein Co.	483.0	3.49	16.840
Thirty-day record	1855.9	3.38	62.669
Mamie Kuperus Johanna 121027, Stevens Bros. Co.	461.3	3.51	16.190
Aaltje Salo Grace 133099, W. M. Coxe	420.8	3.84	16.160
Johanna Mercedes Hengerveld 121500, Baird Bros.	450.4	3.43	15.457
Jouke Hengerveld Soldene 228747, H. J. Miller	443.7	3.38	14.998
May Foley 135253, A. P. Larimer	485.7	3.04	14.756
Ensenore Granddaughter 3d Girl 131882, Peter Hoy	439.4	3.29	14.441
Junior Four-year Class.			
Flint Butter Boy Rosina 127233, D. D. Aitken	533.8	4.27	22.777
Thirty-day record	2257.5	3.98	89.635
Auray Elsje Segis 131955, Frank M. Avery	452.8	4.98	22.570
Colantha Abby Hartog 146570, D. W. Field	554.6	3.93	21.821
Greenwood Queen Homestead De Kol 138636, W. S. Moscrip	513.6	4.12	21.172
Joy Beets Hengerveld 139134, R. E. Haeger	455.0	4.46	20.314
Thirty-day record	1860.6	3.75	69.745
Fairmont Vadora Erna 143879, J. W. Prentiss & Son	456.2	4.29	19.560
Fourteen-day record	902.8	4.09	36.897
Latona Longfield Pietertje De Kol 129472, owner, Browning & McPherson	517.9	3.76	19.467
Maple Knoll Lilly 148419, Stevens Bros. Co.	412.4	4.70	19.382
Kearsarge Pontiac Creamelle De Kol 141935, J. W. Prentiss & Son	571.7	3.35	19.133
Fairview Pontiac Pet Korndyke 136477, C. I. Corby	483.6	3.94	19.078
Thirty-day record	1993.2	3.83	76.410
Caroline De Kol 137363, Claire Cobb	460.5	4.03	18.558
Johanna Maid of Somerset 3d 127690, Chas. L. Roberts	551.2	3.25	17.899
Manor Coral Johanna Lady 141723, W. H. Grenell	527.7	3.39	17.891
Karuka Korndyke Lina 139170, George T. Hubble	471.0	3.77	17.765
Elsie Darling Pietertje De Kol 127963, Bruce E. Brown	521.4	3.39	17.688

SIR PONTIAC VEEMAN HENGERVELD

Grandson of Pontiac Artis and Sir Veeman Hengerveld. Two nearest dams average 31.3 lbs. butter, 4.73 per cent. fat. I have young bulls ready for service. Extended pedigrees furnished.

E. M. LOWMAN
Lowman, N.Y.

SADIE VALE SIR ORMSBY 57600
(16 A. R. O. daughters)

The youngest son of Sadie Vale Concordia (30.64 lb.) heads our herd. We offer bull calves by him, and from promising young cows with records around 20 lb. at 2 years old. For pedigrees and other information address

JAMES W. FEAR
Maple Grove Stock Farm,
Holland Patent, N.Y.

26.6-lb. BULL CALF

Born Jan. 7, 1914—beautiful individual, nearly all white. Dam, a 30-lb. prospect, has a record of 22.68 lb. butter, 490.9 lb. milk. She has large udder and veins, with teats well placed. The sire is a 30-lb. bull of great merit. The price is right. We also have other good calves.

KEYSTONE FARMS, C. A. Pratt, Prop.
Le Raysville, Pa.

BULL READY FOR SERVICE

Born Nov. 20, 1911. Half brother to Lockhart Lilith, the new 30-lb 3-yr-old. Her dam and the dam of Lockhart De Kol are the only two full sisters that have each produced a 30-lb 3-yr-old. The sire is half brother to Lockhart De Kol. This bull is light in color and a fine individual. Price $300.00. If interested, write for pedigree.

LOCKHART HOLSTEIN FARM,
Eugene La Munion Solsville, N.Y.

A 31-LB. PROVEN SIRE

2 years old—sure—fine individual—nearly all white.
Guaranteed. Sire—Korndyke Pontiac Pet—a 37-lb. son of Pontiac Korndyke.
Dam—a 27.7-lb. daughter of a 28-lb. cow.
Sold only to avoid inbreeding. His heifers are very promising. Address

FRANK BACKMAN,
Valley View Farm, Weedsport, N.Y.

BULL READY FOR SERVICE FOR SALE

Sire: King Segis De Kol Korndyke 7th, whose sire is a 37-lb. bull.
Dam. An A. R. O. cow.
A fine individual, more black than white.
Price $125.00.

HARVEY GRAMPS,
Fort Plain - - - - - New York

FOR SALE—Two Registered Holstein-Friesian Bull Calves, sired by a grandson of King of the Pontiacs, and whose dams have A. R. O. records—one of 21.58 lb., and the other 18.116 lb., as a junior 3-yr.-old.
Write for prices and pedigrees.

CHAS. OHLER,
Lucas, Ohio.

SPRINGVALE STOCK FARM
"The Home of the Johannas"

If in need of a bull calf this winter do not fail to investigate the breeding of one sired by King Pieter Lyons and out of a daughter of Colantha Johanna Champion. A combination of breeding surpassed in no herd in the world.

W. J. GILLETT & SON
Rosendale, Wis.

TROUT BROOK HERD

Headed by King of the Pontiacs 4th, one of the best sons of his dad. Nothing for sale at present.

W. H. HORSTMAN, Schenectady, N.Y.

Manor Johanna Esther Lady 141726, W. H. Grenell	527.0	3.34	17.614
Manor Johanna Palawan 141716, W. H. Grenell	514.9	3.32	17.098
Dutchland Chiron Aaggie 134068, F. F. Field Holstein Co.	481.4	3.50	16.853
Sunshine Sally Hengerveld 133929, R. E. Dillon	476.4	3.44	16.378
Kittie Elder 6th Lass 125987, Bonnymeade Farms	443.2	3.45	15.299
Lilith Netherland Jewel 128354, Bonnymeade Farms	469.8	3.15	14.593
Zida Daisy Texal 2d 129025, Harry R. Clark	372.1	3.60	13.414
Lady Thyrsa Hartog 144771, J. W. Prentiss & Son	339.8	3.88	13.201
Helene Favorite De Kol 2d 143150, R. W. Clark	375.0	3.44	12.916
Lady La Polka 2d, 125986, Bonnymeade Farms	390.5	3.22	12.559
Peggy Segis Pontiac De Kol 144298, James Male	374.5	3.29	12.307
Dolly Dollars 146359, John H. Hicks	380.9	2.93	11.155
Senior Three-year Class.			
Sadie Vale Korndyke 2d 153984, C. I. Corby	446.3	4.49	20.020
Fourteen-day record	929.5	4.07	37.822
Cherry Hill Beryl Hengerveld De Kol 158776, Truman C. Denham	464.4	4.16	19.318
Clothilde King Pontiac 151465, George T. Hubble	458.5	4.09	18.745
Twenty-one day record	1369.6	3.75	51.380
Pauline Pansy Sarcastic 149762, Claire Cobb	455.4	4.07	18.530
Dot De Kol Johanna 2d 153903, C. I. Corby	503.6	3.53	17.785
Twenty-one day record	1570.0	3.34	52.433
Princess Wayne De Kol Clothilde 2d 154222, John B. McDuffee	540.8	3.26	17.613
Nanuet Pietertje Hengerveld 142008, W. D. Robens	429.2	4.06	17.435
Fourteen-day record	865.5	3.94	34.059
Idlewild Colantha Korndyke 139026, E. W. McNitt	453.6	3.79	17.208
Thirty-day record	2148.0	3.25	69.806
Lindale Princess Pietertje 150973, R. E. Dillon	434.1	3.92	17.003
Dutchland Colantha Ormsby 226462, F. F. Field Holstein Co.	573.6	2.88	16.507
Alice Barrington Clothilde 3d, 154221, John B. McDuffee	488.7	3.32	16.223
Thirty-day record	2084.2	3.17	66.112
Netherland Bessie Johanna De Kol 145264, Isaac Stephenson	466.7	3.47	16.190
Manor Johanna Rosalind Princess 141725, W. H. Grenell	493.9	3.25	16.046
Netherland Inka De Kol 2d 135687, Isaac Stephenson	445.8	3.58	15.947
Johanna Cornucopia Queen 159719, Paoling Dairy Farm	489.3	2.98	14.574
Thirty-day record	1912.5	3.00	57.380
Arcady Segis Revonna 145235, W. C. Hunt	446.2	3.20	14.267
Navala 151192, R. E. Haeger	404.4	3.51	14.229
Hark King Pontiac 151463, Nathan Dickinson	344.7	3.97	13.698
Nancy Cornucopia Vale 156824, Henry Lathrop & Sons	393.8	3.30	12.998
Aaggie Flura Korndyke 161070, Peter Hoy	345.8	3.70	12.796
Manly Farm Colantha Beets 136539, W. C. Hunt	404.5	3.13	12.675
Manor Johanna De Kol Star Josephine 141715, W. H. Grenell	348.3	3.46	12.044
Netherland Aaggie W. 2d Pearl 142095, Bonnymeade Farms	367.0	2.88	10.573
Junior Three-year Class.			
Segis Wayne Johanna 2d 148511, Murphy & Gillette	535.9	3.98	21.320
Thirty-day record	2175.4	3.99	86.727
Suella Korndyke Butter Girl 150564, H. Gray & Son	438.2	4.72	20.670
Westside Baroness Mona Hartog 141007, Emblagaard Dairy	600.9	3.43	20.624
Orchard Farm Zozo 154573, Charles L. Roberts	478.3	4.00	19.221
Vinita Beatrice Segis 211041, E. L. Hotchkiss	415.2	4.29	17.853
Oasis Korndyke Segis 165462, Damon Bros.	488.0	3.61	17.594
Thirty-day record	2058.2	3.57	73.429
Bessie Veeman Hengerveld 165056, W. D. Roberts	439.1	3.93	17.250
Thirty-day record	1218.2	3.89	70.470
Flint Segis Albino 145160, D. D. Aitken	455.1	3.74	17.005
Sadie Cornucopia Columbia 163572, Quentin McAdam	461.7	3.58	16.519
Thirty-day record	2056.4	3.30	68.034
Emblagaard Clothilde 153856, Emblagaard Dairy	496.1	3.32	16.476
Colantha Butterfly 150430, D. W. Field	490.3	3.29	16.141
Crescent Fayne Johanna 159892, Claire Cobb	378.3	4.11	15.566
Manor Korndyke Inka Colantha 163396, W. H. Grenell	390.5	3.79	14.818
Idlewild Queen of the Hills 154291, E. W. McNitt	418.6	3.45	14.456
Fourteen-day record	823.3	3.40	28.002
Manor Korndyke Colantha 163395, W. H. Grenell	389.3	3.64	14.156
Burke De Kol Netherland 151686, Frank M. Avery	383.5	3.65	14.001
Vinita Coral Segis 205714, E. L. Hotchkiss	421.8	3.29	13.866
Otsego De Kol Spofford 168100, James N. Jarvie	470.1	2.87	13.478
Thirty-day record	1854.7	2.74	50.778
Hannah De Kol Pietertje 2d 143394, E. C. Brill	304.4	4.14	12.612
De Kol Robina Roxanna 157329, John R. Bradshaw	414.0	2.97	12.305
Kaiserine Augusta Inka De Kol, 159292, Nathan Dickinson	283.0	4.31	12.199
Beauty Forbes Korndyke 162555, S. H. Bird	358.3	3.36	12.034
Briar Abbekerk, 147974, Nathan Dickinson	352.5	3.40	12.002
Dichter Calamity Maid 158439, Nathan Dickinson	344.8	3.42	11.802
Guschen Pontiac Hengerveld De Kol 164914, Frank R. Lillie	343.8	3.41	11.739
Lady Lilith La Polka De Kol 141583, Bonnymeads Farms	375.8	3.11	11.704
Lilly Josephine De Kol 167668, Harry R. Clark	360.0	3.09	11.141
Ethel Magellan 2d 155016, Irving N. Roe	347.0	3.17	10.999
Artis Countess De Kol 2d 158381, Peter Hoy	326.4	3.24	10.572
Johanna Korndyke Mercena Hope 157797, Bert Anthes	316.6	3.25	10.285
Roxanna De Kol 157335, John R. Bradshaw	378.8	2.68	10.139
Myrtlewood Clothilde 168181, Quentin McAdam	355.8	2.70	9.616
Senior Two-year Class.			
Burtondale Edna Segis 158671, R. M. Stone & Son	485.3	3.31	16.097
Thirty-day record	2020.9	3.16	63.996
Manor Rosalind Cora Colantha 163399, W. H. Grenell	430.5	3.65	15.701
Elzevere Barnum De Kol 2d 163745, Quentin McAdam	435.9	3.58	15.608
Thirty-day record	2012.8	3.14	64.354
Crescent Clintonia De Kol 159894, Claire Cobb	428.9	3.60	15.420
Shelter Valley Mignone Princess 175081, R. M. Stone & Son	452.4	3.32	15.329
Thirty-day record	1840.4	3.41	62.743
Sunnyside Johanna Queen 182641, Quentin McAdam	364.5	3.85	14.033
Midland Blanche 158284, Henry Lathrop & Sons	370.6	3.69	13.633
Oakhurst Segis Cornucopia 164027, Brockway & Estabrook	296.4	4.46	13.220
Mamie Bleeker De Kol 203533, W. O. Ellsworth	375.0	3.40	12.745
Auray Anitra Pietertje 156635, Frank M. Avery	377.0	3.30	12.453
Otsego Cora Pietje 179260, James N. Jarvie	356.2	3.49	12.425
Thirty-day record	1399.4	3.43	48.051
Princess Colantha Concordia 164917, Frank R. Lillie	341.9	3.57	12.212
Crown Bonnie De Kol Hengerveld 2d 172504, A. P. Larimer	337.1	3.58	12.076
Fourteen-day record	660.4	3.50	23.116
Altoana Pietertje Ormsby 161479, W. D. Robens	327.5	3.64	11.922
Thirty-day record	1347.0	3.50	47.217
Manor Rosalind Colantha 163398, W. H. Grenell	349.1	3.40	11.880
Hortense Hengerveld De Kol 169192, H. A. Russell	295.9	3.95	11.678
Gerben De Kol Gem Roxanna 182446, John R. Bradshaw	368.3	3.16	11.620
Ondine Fayne 158956, Paoling Dairy Farm	291.8	3.94	11.501
Oakhurst Fayne Eona 164018, Brockway & Eastabrook	324.0	3.52	11.406
Oakhurst Princess Netherland 164023, Brockway & Estabrook	380.5	2.99	11.395
Fannie De Kol Ondine 172507, A. P. Larimer	298.5	3.76	11.212

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CREAMELLE VALE BLOOD FOR SALE

A bull calf born Dec. 6th whose sire is by Dutchland Sir Pietertje Hengerveld and a daughter of Creamelle Vale, the World's Record cow for yearly milk production. His dam is by the 30-lb. bull, Elzevere Sir Canary Barnum De Kol. Send for pedigree if you want this prize.

BEACH & WIRT
Battle Creek Michigan

THE TRAVERSE HERD

Bull calves for sale from Admiral Walker Colantha, whose four nearest dams average, butter 7 days, 32.83 lbs., 30 days, 131.85 lbs., and from Traverse Belle Lad, who is from a 30.115-lb. daughter of Pontiac Butter Boy.

Fifty-two A. R. O. cows in the herd, most of them daughters or granddaughters of Pontiac Butter Boy or Homestead Hengerveld Crown De Kol. Write for pedigrees and prices. (tf.)

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Breeders of K C. Holsteins.
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THE CORSE PRESS
Sandy Creek, N.Y.

Lady Beryl Wayne Leta 158566, F. D. Markham	385.0	2.90	11.163
Ondine Netherland Aaggie 172509, A. P. Larimer	326.1	3.39	11.064
Fourteen-day record	637.7	3.22	20.535
Viletta Gem Inka 159293, Nathan Dickinson	288.7	3.55	10.252
Netherland of Woodview 167959, John H. Hicks	373.6	2.73	10.215
Roxanna De Kol Gerben Maid 157336, John R. Bradshaw	358.0	2.68	9.598
Rosie Hiske De Kol 181794, George D. Frommel	277.9	3.38	9.389
Myretta Cornucopia 168561, Simon P. Scherer	295.8	3.09	9.153
Helen Burke Beets 163657, R. E. Haeger	212.0	4.28	9.086
Blanco Sarcastic Johanna 173630, Peter Hoy	289.6	3.05	8.841
Junior Two-year Class.			
Wachuset Catrina 2d 176407, J. W. Prentiss & Son	386.0	5.00	19.304
Beulah Shepard Empress 181271, George T. Hubble	463.7	3.43	15.900
Twenty-one day record	1345.2	3.41	45.833
Flint Bertjusca Pauline 175817, D. D. Aitken	413.3	3.71	15.364
Walker Prilly Hengerveld 191475, Isaac Stephenson	343.6	4.43	15.235
Cherry Hill Roxanna 205341, Truman C. Denham	355.6	4.28	15.229
Forward Segis Spofford 194749, W. P. Mayhugh	384.5	3.88	15.907
Fourteen-day record	720.6	4.13	29.777
Otsego Albina Korndyke 189152, James N. Jarvie	390.1	3.75	14.649
Thirty-day record	1726.2	3.32	57.341
Dutchland Topsy Hengerveld Belle 199408, F. F. Field Holstein Co.	371.0	3.91	14.503
Aaggie Mercedes De Kol Burke 2d, 174710, B. B. Andrews	367.1	3.94	14.470
Lily Netherland Hengerveld 186677, R. E. Haeger	311.6	4.50	14.052
Bertha Colantha Hengerveld 220134, T. E. Getzelman	349.8	4.02	14.049
Segis Aaggie Butter Girl 169869, Glen P. Cole	350.1	4.01	14.037
Concordia Brooks 165426, J. M. Camant	383.4	3.63	13.918
Walker Prilly Bessie Johanna 191473, Isaac Stephenson	433.6	3.19	13.841
Lyons Mutual Brighton 188423, Murphy & Gillette	415.9	3.33	13.829
Pietertje Aaggie Colantha 190572, W. H. Grenell	367.3	3.71	13.645
Aaggie Pauline Colantha 209716, D. W. Field	373.7	3.59	13.405
Otsego Albina Belle 189149, James N. Jarvie	379.7	3.40	13.154
Thirty-day record	1600.3	3.09	49.561
Segis Valley Fayne 194174, Matson & Holland	422.7	3.11	13.149
Thirty-day record	1713.9	3.07	52.649
Speck Korndyke Tirania De Kol 185733, C. W. Ellis	335.8	3.87	12.988
Tehee Hengerveld De Kol 168462, Paoling Dairy Farm	351.2	3.69	12.967
Thirty-day record	1480.8	3.59	53.196
Lindale Belle Pietertje 188303, R. E. Dillon	400.0	3.21	12.832
Nina Pink Pledge 3d 192133, D. D. Aitken	438.5	2.92	12.810
Finderne Pietertje Pontiac 183231, D. D. Aitken	367.5	3.43	12.621
Hengerveld Ornetta Princess 2d 174667, John B. Irwin	398.7	3.05	12.160
Manor Copia Johanna Colantha 190577, W. H. Grenell	367.4	3.25	11.926
Livia De Kol Segis 195657, Henry Anthes	341.4	3.49	11.904
Myretta Canary Korndyke 195660,	339.0	3.49	11.829
Parthenea Inka De Kol 3d, 183089, C. F. Aldrich,	284.9	4.12	11.732
Dutchland Aaggie Cornucopia Leda 227244, F. F. Field Holstein Co.	295.3	3.95	11.667
Korndyke Segis Beauty 177606, Quentin McAdam	263.9	4.38	11.552
May Woodcrest Clothilde 194176, Mattson & Holland	323.0	3.55	11.452
Thirty-day record	1397.7	3.36	46.980
Jessie De Kol Segis 2d 183616, W. C. Hunt	340.9	3.34	11.399
Colantha Myra Model 192696, George F. Smith	340.8	3.27	11.158
Segis Fayne Pauline Wayne 194175, Matson & Holland	243.3	4.55	11.071
Brookline Katy Walker, 220146, T. E. Getzelman	366.3	2.96	10.859
Lyons Mercedes Princess 188424, Murphy & Gillette	293.6	3.66	10.751
Manor Rosalind Copia 190575, W. H. Grenell	310.4	3.46	10.747
Maple Ledge Mae Korndyke 177856, Leon Moore,	317.8	3.35	10.651
Split Silk Roxanna Girl 182434, John R. Bradshaw	441.5	2.40	10.638
Gold Beauty 6th 169528, State Institution for Feeble Minded	334.4	3.15	10.548
Maid of Excellence 4th 182489, Simon P. Sherer	335.6	3.13	10.492
Lilith Konnigen De Kol Paul 16918, Bonnymeade Farms	349.5	2.99	10.468
Queen Robina De Kol of Alhambra 182435, Jno. R. Bradshaw	349.5	2.92	10.220
Pauline Mutual Maid 2d 172295, H. C. Gates	303.0	3.37	10.210
Fourteen-day record	586.1	3.45	20.237
Segis Alberta Buttercup 201475, E. J. Ray	289.4	3.49	10.096
Lady Lilith Burke 190345, Baird Bros.	326.4	3.02	9.852
Cedarcrest Aaggie Cornucopia 2d 222038, T. E. Getzelman	354.9	2.75	9.791
Hartwood Anna Skylark 183347, H. Stillson Hart	227.4	4.27	9.720
Lindale Martha Pietertje 188305, R. E. Dillon	345.5	2.79	9.655
Cora Mantel Imperial 2d 191555, W D. Robens	334.4	2.87	9.608
Brookline Duchess Lyons 220141, T. E. Getzelman	329.8	2.91	9.606
Lottie Korndyke Burke 190349, Baird Bros	283.1	3.33	9.436
Pietertje Queen De Haan 2d 191890, Damon Bros.	258.9	3.63	9.415
Alma Jannek Vallonia 169526, State Institution for Feeble Minded	270.0	3.41	9.294
Maid Mercedes Excellence 182488, Simon P. Sherer	290.9	3.19	9.286
Leap Year De Kol 193837, John H. Hicks	344.7	2.69	9.276
Blanche Mutual Roe 2d 177907, Irving N. Roe	272.4	3.39	9.229
Cornucopia Cedarcrest De Kol 220143, T. E. Getzelman	298.2	3.05	9.088
Korndyke Princess Lilith Wood 228737, George D. Frommel	297.0	3.04	9.025
Corona Segis De Kol Burke 190340, Baird Bros.	235.6	3.74	8.798
Artis Topsy Pontiac Johanna 183206, Phillip M. Hicks	233.5	2.62	8.769
De Kol Gerben Roxanna Gem 182433, John R. Bradshaw	312.9	2.80	8.755
Queen Anthenia Lincoln 182431, John R. Bradshaw	258.0	3.35	8.652
Bloemtje Pat Hengerveld Segis 178883, John Peeters Jr.	262.4	3.28	8.601
Hinchey Farm Lyndon 188622, W. S. Hinchey	230.6	3.67	8.478
Winnie De Kol Korndyke 232908, W. J. Witty	237.3	3.57	8.466
Bairdland Segis Beauty 182954, S. A. Baird & Son	218.4	3.83	8.366
Queen Cornucopia Johanna 220806, T. E. Getzelman	300.1	2.78	8.354
Bairdland Segis Hilda 182952, S. A. Baird & Son	227.4	3.65	8.307
Rachel Mercedes De Kol 162405, Corkwell & Best	235.0	3.52	8.272
Helen Korndyke Wayne De Kol 227467, W. E. Leonard	303.3	2.72	8.246
Toledo Canary 2d 182491, Simon P. Sherer	219.5	3.75	8.239
Annie Piebe Colantha 184215, W. Krause	238.5	3.45	8.232
Inka Wayne of Deerfield 165476, S. W. Cronk	255.3	3.20	8.186
Polk Clothilde Oneida 196904, State Institution for Feeble Minded	275.6	2.97	8.177
Netherland De Kol Buttercup 205139, E. J. Ray	248.6	3.25	8.074
Jennie Clothilde Jannek 170703, State Institution for Feeble Minded	251.4	3.20	8.035
Netherland Wayne Korndyke 232906, W. J. Witty	228.8	3.51	8.023
Harvest Pontiac Helena Burke 182751, Harvest Farms Co.	246.3	3.21	7.909
Agnes Small Hopes De Kol 194537, Strickland Bros.	222.9	3.49	7.789
Lilith Belle Ormsby 17554, Frank Darrah	236.2	3.30	7.784
Pietertje Johanna Colantha Rue 197719, Leon J. Drew	275.7	3.30	7.810
Ida Sigmund De Kol 179116, Frank Darrah	246.6	3.12	7.700
Nellie Koningen Mechthilde 179199, Simon P. Sherer	253.0	3.04	7.686
Aaggie De Kol La Polka 181138, Bonnymeads Farms	226.2	3.34	7.557
Aaggie Regalia 169776, Hugh Nisbet	245.3	3.06	7.510
Maud Sigmund De Kol 179117, Frank Darrah	224.8	3.23	7.262

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Full Aged Class.

Pansje Cornucopia Bess 109806, G. D. Tinsman	534.1	4.82	25.769
Wilhelmina De Kol Netherland 2d 167777, L. J. Mosher	570.1	4.22	24.123
Fifteen-day record	1156.7	4.12	47.698
Segis Pontiac Princess 123426, Damon Bros.	502.0	4.66	23.394
Queen Pietertje Hengerveld De Kol 108476, J. D. Loder	583.5	3.88	22.630
Pietertje Alwilda 3d 113896, H. A. McQuillin	639.9	3.35	21.440
Senoretta Jewel 87554, H. Renaud	710.3	3.01	21.390
Grace Mernan Echo 165078, Fred J. Karlen	496.6	4.30	21.345
Daisy Hengerveld Lockhart 120524, Herbert P. Smith	605.2	3.50	21.211
Fourteen-day record	1159.0	3.62	42.066
Lady De Kol Fries 139498, Indoe & Hatch	517.1	4.05	20.914
Shelter Valley Dora Cornucopia 119174, R. M. Stone & Son	613.0	3.35	20.524
Thirty-day record	2560.7	3.30	84.404
Winslow Gelsche Jane Parthenea 83479, Fred J. Karlen	562.8	3.63	20.440
Netherland Aaggie May Ideal 2d 98416, Fred P. Burton	585.9	3.46	20.266
Katy Spofford Pledge 108274, E. H. Knapp & Son	569.8	3.54	20.194
Ormsby Piebe Netherland 100653, Fred J. Karlen	473.3	4.20	19.856
De Kol Perfection H. 3d, 94118, Leon Moore	622.9	3.16	19.677
Thirty-day record	2416.7	3.32	80.289
Clifden Palmar Veritas 2d 123639, Fred J. Karlen	399.1	4.89	19.514
De Kol Netherland Lilith 115799, Harvest Farms Co.	418.2	4.65	19.432
Korndyke Beryl 107765, G. Smith & Sons	579.9	3.31	19.206
Maggrath Netherland De Kol 69647, Fred J. Karlen	484.9	3.87	18.751
Delilah Netherland Withoorn De Kol 108802, C. B. McCanna	501.6	3.68	18.528
Edith Clothilde Aaggie Grace 139359, H. V. Noyes	334.6	5.50	18.391
Leda Hengerveld De Kol 4th 123457, A. W. Morris & Sons Corp.	431.6	4.23	18.284
Woodcrest Lottie 116442, Tranquility Farms	444.6	4.10	18.217
Pauline De Kol Queen 2d 86375, Herbert P. Smith	420.0	4.28	17.976
Clothilde Ida Butter Girl 91808, W. H. Lumley	427.6	4.18	17.895
Henrietta Colantha 87901, H. Renaud	580.3	3.07	17.831
Syblie Countess 2d 109535, W. G. Wilkinson	603.6	2.95	17.794
Aaggie Barbetta Ormsby 101059, Jas. W. Mullen	501.0	3.52	17.638
Rose Aaggie Grace 81134, Knapp & Pierce	384.5	4.56	17.516
Starie Colantha De Kol 75019, Fred J. Karlen	443.3	3.93	17.442
Pansy Daw De Kol 2d 131771, Siegel Bros.	489.6	3.55	17.361
Ladoga De Kol Pauline 2d 102588, Henry S. Hale	423.2	4.09	17.347
Mulvie Beets De Kol 88547, G. Smith & Sons	477.5	3.62	17.267
Irene Lassie De Kol 105411, E. T. Stevens	477.9	3.57	17.074
Daisy Tirania Hark 3d 112332, L. L. Lawson	475.6	3.58	17.067
Ping Pong Posch 109304, Harvest Farms Co.	508.3	3.29	16.731
Lady Dorothy De Kol 93156, Woodin Bros.	538.4	3.09	16.626
Princess Aalthe Salo De Kol 122504, F. W. Lockemer	494.5	3.34	16.520
Lipkje Hillside De Kol 109492, C. D. Fortnam	453.3	3.61	16.370
Beryl Jewel Netherland 93111	461.7	3.54	16.345
Pauline De Kol Rose 93676	508.6	3.21	16.344
Thirty-day record	2088.0	3.16	65.949
Ononis Homestead Cornucopia 120566, M. S. Nye	569.3	2.83	16.091
Barnum Fayne 116086, August Stocker	571.0	2.80	16.013
Idene Lady Payne 84282, L. J. Mosher	553.8	2.89	16.003
Twiskstein 2d 90646, H. V. Noyes	400.7	3.99	16.000
Mechthilde Fern 84794, H. J. Price	426.4	3.65	15.554
Daisy Vaughn De Kol 2d 99573, Nathan Dickinson	463.2	3.35	15.532
Aaltje Salo Princess Paula 2d 78487, Rust Bros	416.1	3.71	15.446
Carlotta I 2d 98563, August Stocker	509.2	3.00	15.261
Edwina Wayne De Kol 3d 120804, Lyman Keeler	416.5	3.65	15.224
Fourteen-day record	806.8	3.56	28.790
Beauty Clothilde Duchess 2d 48926, Henry S. Hale	474.0	3.21	15.219
Colantha Robina De Kol 109638, H. Renaud	560.6	2.69	15.064
Lady Irene Sarcastic 95058	437.4	3.38	14.802
Velma Korndyke Hengerveld 3d 89965, L. H. Myers	474.5	3.11	14.769
Star Farm Hengerveld Countess 121771, French Bros	485.0	2.99	14.512
Georgie De Kol Princess 90731, H. J. Price	459.7	3.15	14.486
Harriette Rag Apple Pietertje 99765, Syracuse University	505.7	2.82	14.258
Granville Arabelle 119184, C. J. Noye	351.6	4.04	14.238
Lillie May Shaffer 11567, C. E. Haulk	444.7	3.18	14.156
Senorita Athenia 116272, H. Renaud	535.7	2.63	14.098
Search Light Pricilla 84576, E. W. McNitt	391.6	3.58	14.037
Lilith Pauline De Kol 2d Hengerveld 120335, Frank White & Son	441.8	3.17	13.998
Kitty Ormsby Colanthus 101058, Jas. W. Mullen	475.4	2.94	13.974
Lela Korndyke 78157, Est. C. B. McCanna	484.0	2.88	13.939
Piebe Gerben 109642, H. Renaud	473.9	2.92	13.842
Lady Plymouth Posch 122564, Damon Bros	482.1	2.87	13.818
Lady Shadeland De Kol Jewel 112995, L. H. Myers	414.8	3.30	13.685
Mutual Jennie Wren 109821, State Inst. for Feeble Minded	422.5	3.22	13.605
Drosky Maid De Kol 122593, F. D. Markham	435.6	3.05	13.318
Thirty-day record	1862.1	2.97	55.310
Pauline Countess De Kol 72433, John Walsh	374.3	3.51	13.148
Louisa Piebe 87549, H. Renaud	455.7	2.84	12.940
Clothilde Mercedes of Westboro 84292, Est. of C. B. McCanna	377.1	3.42	12.901
Laura De Kol Elstwitha 113755, Irving Bandy	424.6	3.04	12.887
Susan Aull Beauty 89951, George S. Baker	416.4	3.09	12.883
Maria Aaggie Pietertje 119108, R. E. Haeger	358.3	3.55	12.749
Looing Belle 2d 122578, A. W. Mallinson	422.7	3.00	12.717
Inksper Korndyke 90196, Fred B. Burton	453.7	2.80	12.711
Mapledale Jessie De Kol 82347, L. H. Myers	423.0	2.98	12.611
Winnie B. 3d 69567, E. W. Brundage	387.7	3.24	12.562
Belle Ormsby Korndyke 100851, L. H. Myers	463.2	2.67	12.367
Lady Florence Ringwood 90889, C. F. Aldrich	368.8	3.31	12.200
Nellie Veeman 2d Neah 123849, Fred B. Burton	436.0	2.79	12.157
Pepper Bell De Kol 2d 122584, F. B. Jagger & Son	342.0	3.55	12.137
Aaggie Maud Clothilde 74383, L. H. Myers	438.6	2.76	12.109
Senior Four-year Class			
Miss Pietertje Johanna De Kol 116193, L. J. Mosher	597.6	3.53	21.090
Crown Vander Lei Maida 135452, L. W. Clink	493.7	3.85	19.026
Thirty-day record	2133.0	3.62	77.152
Aaltje Salo Rosella 4th 137871, Rust Bros	441.6	3.99	17.612
Copia Dianna Clothilde 2d 127130, Failing Bros	551.1	3.19	17.563
Pearl Cornucopia Posch 122561, Damon Bros.	553.2	2.93	16.357
Frances Jewel 133729, H. Renaud	505.8	2.98	15.077
Lady Breeta De Kol 122494, E. C. Willi	456.5	3.23	14.741
Johanna Count Monk 129348, C. E. Haulk	420.1	3.40	14.290
Bessie Netherland Hamilton 2d 114994, Est. C. B. McCanna	439.1	3.01	13.214
Sir Kaan Mercedes Paul Lady Lyons 136600, Hugh Nisbet	369.3	3.30	12.186
Junior Four-year Class.			
Reka Ormsby Aaltje Pearl 135016, Fred J. Karlen	508.9	4.25	21.642
Blue Label Mattie 135021, Fred J. Karlen	390.7	5.03	19.654
Mercedes Inka Hengerveld 137231, Herbert P. Smith	447.2	4.33	19.362
Thirty-day record	2176.1	3.61	78.496
Louise Fayne 152096, Albert French	474.0	4.07	19.284
Spring Brook Dossie Beets 138717, Knapp & Pierce	425.8	4.13	17.565

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We have just bought Johanna King Segis and want to sell our herd sire, Jessie Maida Paul De Kol Burke 3d 60290, a show bull, whose dam and sire's dam have records averaging 27.49 pounds. His sire is by Paul De Kol Jr., whose dam was the first 30-lb. cow of the breed. His dam is Lida De Kol 2d, from a daughter of the World's Champion 14-yr-old cow and Lord Netherland De Kol, who has more A. R. O. daughters and more producing daughters than any other sire of the breed. He is three-fourths white, 5 years old, gentle and a sure breeder. First check for $250.00 gets him.

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Agnes Jewel 133710, H. Renaud	679.2	2.52	17.112
Jennie B. Pauline 2d Segis 141681, Herbert P. Smith	488.7	3.45	16.884
Robina Jewel De Kol 2d Lady 133728, H. Renaud	602.7	2.79	16.848
Hambden Cornucopia Pietertje 138200, Woodin Bros.	513.1	3.27	16.758
Aaggie Viola Clothilde 2d 146322, L. H. Myers	435.8	3.75	16.349
Rijaneta De Kol Ormsby 2d 142517, Jas. W. Mullen	485.0	3.24	15.709
Emporia Manor De Kol Segis 144379, Damon Bros.	453.0	3.45	15.613
Mozella De Kol Pauline 2d 144042, Irvin Bandy	529.1	2.90	15.351
Dinasala Jewel Pauline 2d 144894, Est. Geo. F. Blewer	464.5	3.26	15.135
Kittie Beryl Beets 126154, George Forsythe	441.3	3.36	14.836
Albrice De Kol 3d 144364, W. P. Mayhugh	315.4	3.47	10.959
Senior Three-year Class.			
Aaggie Cornucopia Homestead 169551, M. S. Nye	498.1	4.72	23.486
Thirty-day record	2210.0	4.07	90.046
Overland Queen Clycola Clyde 145288, P. D. Schuyler	506.8	4.31	21.866
Brookdale Pietje Inka 138641, F. C. Soule & Son	533.8	3.97	21.185
Thirty-day record	2292.3	3.77	86.347
Ella Veeman Grace De Kol 2d 140510, F. C. Soule & Sons	538.2	3.54	78.782
Jewel Homestead Cornucopia 179416, M. S. Nye	511.0	3.33	17.060
Thirty-day record	2131.1	3.12	66.627
Jarie Nevada Ormsby 158433, John Walsh	451.1	3.63	16.377
Irene Aaggie Grace 134597, H. V. Noyes	400.6	3.93	15.731
Inka Korndyke Pontiac De Kol 181745, Calvin & Deshane	432.6	3.27	14.154
Johanna Lilly Mayo 156259, F. H. Webster	360.1	3.90	14.044
Greenwood Ononis 3d, 163865, H. J. Price	386.9	3.57	12.828
Otsego Jessie Korndyke 143782, C. D. Fortnam	381.5	3.60	13.751
Ina May Spofford 136765, J. H. Turner	416.2	3.22	13.381
Pleasant Grove Flossy 156457, John Christiansen	416.6	3.18	13.289
Spring Hill Netherland Mary 159886, C. C. Smith & Son	355.7	3.68	13.103
May Hengerveld De Kol 3d 146324, L. H. Myers	338.8	3.79	12.842
Aaggie Maud Clothilde 3d 146323, L. H. Myers	387.1	3.26	12.615
Lucy Pietertje De Kol 2d 142173, John Walsh	353.9	3.56	12.588
Lilith Pontiac De Kol 145633, Lyman Keeler	371.5	3.18	11.829
Fourteen-day record	750.8	3.10	23.331
Cradock Countess 143896, C. D. Fortnam	387.5	2.51	9.727
Junior Three-year Class.			
Walker Lilith Weigand 165624, Lamb & Langworthy	499.2	4.31	21.564
Thirty-day record	2210.3	3.65	80.776
Segis Ramoua Johanna 157289, Fred J. Karlen	476.0	4.39	20.917
Blue Label Aaggie Twisk 142255, Fred J. Karlen	459.8	4.53	20.838
Wakefield Duchess Ormsby 151220, Geo. E. VanHagen	439.1	4.56	20.003
Palmar Veritas De Kol 5th 150867, Fred J. Karlen	389.0	5.12	19.906
Susie Friend Mernan 142256, Fred J. Karlen	464.2	4.16	19.312
Lily Skylark Johanna 167872, Geo. E. Van Hagen	390.7	4.71	18.409
Elsie De Kol Korndyke 170369, John Walsh	405.5	4.23	17.152
Butter Girl De Kol Colantha 162241, N. E. Shanower	434.7	3.77	16.389
Colombo Pontiac Nellie 146365, Fred N. Turner	460.4	3.56	16.379
Spring Brook Mabel 158624, Knapp & Pierce	471.1	3.47	16.357
Fourteen-day record	989.2	3.29	32.585
Contest Vale Cornucopia 160523, M. S. Nye	552.8	2.93	16.214
Pansje Cornucopia Bess 2d 157033, G. D. Tinsman	423.6	3.77	15.972
Lilith Pontiac Clothilde 153827, Tranquillity Farms	389.6	3.96	15.440
Greenwood Lyons Katy Spofford 165785, E. H. Knapp & Son	457.9	3.29	15.067
Jessie Clothilde Pietertje 179018, John A. Briggs	353.0	3.93	13.856
Velma Korndyke Hengerveld 4th 171044, L. H. Myers	467.6	2.93	13.704
Bonny Meads Pricemore De Kol 144851, Bonnymeads Farms	452.5	3.01	13.621
Marcia Jarie 2d 192193, J. M. Risley	346.7	3.91	13.571
Mercedes Julip De Kol Pietertje 3d 209850, O. U. Kellogg	350.6	3.86	13.541
Finderne Ondit Pontiac 160398, Herbert P. Smith	428.5	3.13	13.436
Greenwood Lyons Burke 165780, E. H. Knapp & Son	405.3	3.22	13.077
Flossie Korndyke Nonheur 147860, C. E. Haulk	445.0	2.86	12.750
Creamcup Ruby Pontiac Burke 158127, A. W. Morris & Sons	363.7	3.36	12.233
Clothilde Cornucopia Johanna Lass 151282, J. M. Risley	305.1	3.79	11.575
Jacoba Winship 159256, Winship & Shroeder	336.5	3.35	11.270
Susie Cornucopia Pauline 161724, W. P. Mayhugh	318.5	3.52	11.222
Laura De Kol Elswitha 2d 170850, Irvin Bandy	348.7	3.02	10.514
French Villa Cornucopia 179912, French Bros.	341.7	3.04	10.381
Queen Carrie Clyde De Kol 158469, Hugh Nisbet	271.1	3.67	9.943
Pleasant Grove Pridess 156456, John Christiansen	289.8	3.28	9.498
Senior Two-year Class			
Arcady Lyons Alcestis 167163, H. C. Swartout	353.0	4.72	16.670
Pauline Corona Hengerveld 2d,161545, H. J. Price	389.3	4.26	16.582
K. P. Boon 177084, Lamb & Langworthy	356.6	4.47	15.948
Thirty-day record	1596.1	3.97	63.430
Cythera De Kol 2d 158824, W. J. Troy	356.2	4.42	15.748
Florence Dellburn Susie Pontiac 183238, Lyman Keeler	393.8	3.88	15.283
Jessie Canary Pledge 163124, W. A. Matteson	484.2	3.12	15.093
Shelter Valley Dora Princess Segis 175079, R. M. Stone	433.4	3.42	14.824
Camilla Queen La Polka 170818, C. J. Coye	415.2	3.47	14.407
Edwina De Kol Pontiac 186315, Lyman Keeler	304.5	4.68	14.240
Princess Gerda De Kol Girl 225722, L. E. Connell	374.2	3.80	14.206
Johanna Ormsby De Kol 2d 183240, Lyman Keeler	333.6	4.21	14.045
Fourteen-day record	751.2	3.57	26.892
Rose Aaggie Manor 2d 182988, Damon Bros.	422.1	3.32	13.998
La Polka De Kol Netherland 184335, F. C. Whitney	402.2	3.32	13.354
Fancher Farm Belle Segis 173081, A. T. Fancher	398.3	3.28	13.080
Junior De Kol Rose Fellinga 2d, 162183, F. D. Gott	378.0	3.32	12.567
Wild Rose Jones De Kol Johanna 2d 169959, W. A. Cannoff	309.4	4.01	12.420
Clothilde Mercedes 153163, Est. C. B. McCanna	389.4	3.00	11.693
Pleasant Grove Queen De Kol 185453, John Christiansen	353.6	3.30	11.682
Maple Lane Pet Changeling 172121, L. J. Mosher	298.4	3.80	11.355
Roxanna Granite Reef De Kol 157337, John R. Bradshaw	348.8	3.11	10.840
Dewey Vander Lei Superb 2d 162474, H. A. Hooper	327.4	3.31	10.838
Sycamore Hall Susie De Kol 203540, W. O. Ellsworth	298.3	3.58	10.678
Hengerveld Pietertje Beets 148923, Hugh Nisbet	291.2	3.12	9.092
Junior Two-year Class			
Agnes Pietje 183756, R. B. Tyler	461.0	3.93	18.123
Wakefield Johanna Aaggie 166005, Geo. E. Van Hagen	389.3	4.29	16.716
Spring Brook Klara Agnes 183444, Knapp & Pierce	409.8	3.86	15.822
Thirty-day record	1769.7	3.61	63.814
Cedar Lawn Linda 196177, Winship & Shroeder	442.2	3.48	15.378
Johanna Mercedes Ormsby 2d 183239, Lyman Keeler	396.8	3.84	15.262
Fourteen-day record	729.2	3.85	28.122
Spring Hill Hengerveld Delphina 188923, C. C. Smith & Son	360.5	4.15	14.968
Pledge Onyx Daisy 187614, H. W. Noyes	403.7	3.66	14.792
Ida Wayne Pietertje 176096, G. D. Tinsman	390.5	3.65	14.270
Lumdale Netherland Burke 215332, W. H. Lumley	354.8	4.01	14.239
Inka Mary Colantha 227590, James Phelan	376.1	3.75	14.105
Twenty-one-day record	1102.4	3.63	40.062
Jeltje Pietertje Johanna 3d 165186, Fred J. Karlen	350.3	3.94	13.812
Rag Apple De Kol 211944, Lyman Keeler	356.4	3.82	13.628
Alma Albino Lillian 2d 195942, Damon Bros.	348.0	3.89	13.548

AURAY FARMS

Offer the following young sons of our King Segis Pontiac Clorinda, a ¾ brother to the $10,000 K. S. P. Alcartra.

No. 1. 3 mos Dam a 16-lb. 3-yr. granddaughter of King Segis and Winana De Kol Korndyke. Price $125 00.

No. 2. 3 mos. Dam an 18-lb. 3-yr. granddaughter of De Kol 2d's Butter Boy 3d and Helena Burke. Price $150.00

No. 3. 2 mos Dam a 16-lb 2-yr. daughter of K. P. Calypso. Calf is a double great grandson of King of the Pontiacs Price $200 00

No. 4. 5 mos. Dam a 23-lb. granddaughter of Johanna Aaggie Sarcastic Lad and Homestead Girl De Kol. Price $200.00

No. 5. 4 mos. Dam a 25-lb. 5-yr granddaughter of King Segis and Cleopatra Gelsche. A double great grandson of King Segis. Price $225.00.

Satisfaction and safe delivery guaranteed. Write for printed charts, photos, etc.

AURAY FARMS

F. M. Avery **I. M. Avery**

SPARTA, Sussex Co., N. J.

THREE JR. 2-YR-OLDS

Over 20 lbs. butter and over 460 lbs. milk each in 7 days, average age 1 yr. 11 mo. 16 days, have been raised at Eli Farm.

Bred cows and heifers soon due around $250 each. Unbred heifers around $175 each. Young bulls, own dams over 23 lbs. butter and over 600 lbs. milk in 7 days around $150.

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On the best quality paper 9½x14 with diagram. No. 2—14 ancestors Blue Book records (3 for $1), 35c. No. 5—14 ancestors up-to-date pedigree in 2 colors, 75c. Carbon copies 10c each. Give name and number of sire and dam of animals not registered and of those having numbers above 205896 in cows and 111599 in bulls. For interesting prices on sale catalogs address

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bought that bull yet ? We offer a son of our herd sire, Pontiac Triumph Cornucopia, who was by Pontiac Cornucopia, and from a 26-lb. daughter of Hengerveld De Kol. The dam is a 19-lb. daughter of Belle Korndyke Beryl Wayne. Calf was born October 20, 1913, and is a bargain at our price.

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Greenwood Pontiac Jewel 186645, E. H. Knapp & Son	352.5	3.80	13.418
Thirty-day record	1515.8	3.54	53.704
Maple Lodge Heroine De Kol 200437, John Walsh	306.5	4.36	13.368
Blue Label Queen Daughter 186751, Fred J. Karlen	284.3	4.69	13.345
Forward Segis Pietertje 196090, W. P. Mayhugh	347.5	3.80	13.200
Fourteen-day record	670.7	3.85	25.796
Groveland Inka Netherland 182097, Frank White	361.2	3.63	13.112
Fourteen-day record	736.1	3.41	25.129
Lumdale Pontiac Fan 188497, W. H. Lumley	371.7	3.53	13.104
Clothilde Bergsma De Kol 190407, H. V. Noyes	328.7	3.92	12.900
Lorie Urmagel 189186, Damon Bros	359.8	3.53	12.702
Lilith Pauline Canary Claison 187434, A. G. Ingalls	317.4	4.00	12.691
Marie Clothilde Walker 179816, G. Smith & Son	377.1	3.35	12.631
Duanna Hamilton 177662, C. J. Coye	353.7	3.54	12.521
Sadie Cornucopia Nephele 167590, G. Smith & Sons	338.4	3.70	12.520
Minnie Copia Pietertje 188810, H. V. Noyes	321.7	3.86	12.419
Leland Maid Korndyke 2d 190717, Tompkins Wright	347.8	3.56	12.387
Clorinda Hengerveld Artis 200571, Fred B. McConnell	329.9	3.73	12.309
Mercedes Foxey Korndyke 2d 190719, Tompkins Wright	331.2	3.65	12.098
Leland Sunbeam Pride 190718, Tompkins Wright	306.3	3.91	11.977
Pet Glenice Ingalls 187435, A. G. Ingalls	309.5	3.83	11.842
Ethel Tritomia Benton 216575, Indoe & Hatch	348.2	3.40	11.839
Fourteen-day record	656.3	3.49	22.907
Rosemary Pontiac 184290, Henry S. Hale	287.9	4.10	11.802
Johanna Empress De Kol 163417, W. A. Caniff	322.0	3.53	11.386
Shelter Valley Woodcrest Segis 197512, R. M. Stone & Son	375.7	3.03	11.375
Forward Segis Loraine 189992, W. P. Mayhugh	327.0	3.47	11.351
Johanna Hengerveld Nig De Kol 194645, August Stocker	368.3	3.07	11.307
Sadie Cornucopia Johanna Girl 164941, C. D. Fortnam	302.7	3.67	11.119
Maple Lodge Nora De Kol 192238, John Walsh	310.2	3.57	11.097
Jane Ormsby Winana Beets 181303, W. A. Matteson	249.6	4.42	11.016
North Star Clyde Beets 184889, W. S. Moscrip	353.5	3.11	11.002
Aaltje Salo Pontiac Bernice 183852, Rust Bros	295.6	3.71	10.972
Annie Lorie Rachel 195943, Damon Bros	322.2	3.40	10.952
Plain View Johanna Tolita 171299, Imig Bros	318.2	3.44	10.938
Lumdale Pontiac Floss 188498, W. H. Lumley	302.7	3.59	10.859
Somerset Segis 186116, W. P. Mayhugh	260.6	4.12	10.745
Winsome Maid Fox 177235, F. W. Stevens	378.2	2.83	10.711
Fifteen-day record	751.2	2.90	21.785
Segis Johanna Clyde 191454, Failing Bros	322.3	3.31	10.654
Forward Segis Eva 194748, W. P. Mayhugh	265.1	3.99	10.580
Susie Pietertje Pontiac De Kol 183241, Lyman Keeler	309.3	3.39	10.496
Fairyland Pontiac Lady 183430, J. H. Turner	217.3	4.82	10.483
Bonnymeads Vashta Pricemore De Kol 169115, Bonnymeads Farms	345.4	3.01	10.401
Magali Canary Ormsby 188246, Winship & Shroeder	342.3	2.99	10.259
North Star Skylark Beauty Beets 224526, W. S. Moscrip	331.0	3.09	10.230
Homestead Duchess Gelsche 184134, Charles H. G. Sweigart	336.3	3.02	10.173
Aaggie Maud Clothilde 5th 194442, L. H. Myers	345.1	2.94	10.158
Kordian 5th 187948, H. V. Noyes	282.0	3.60	10.156
Sadie Cornucopia Aaggie Burke 164934, C. D. Fortnam	290.1	3.34	9.798
Lady Perfection Fox 177230, F. W. Steves	314.4	3.10	9.752
Mercedes Heeringa Pauline De Kol 232263,	272.6	3.54	9.666
Neilboer Nelby 169207, H. V. Noyes	257.8	3.73	9.621
Duchess Ormsby Aaggie De Kol 198012, Harvest Farms Co.	268.4	3.58	9.606
Azalia Pontiac 186099, Wm. J. Snyder	248.8	3.79	9.431
Meadow Brook Einetta Hengerveld 176517, Herbert P. Smith	294.6	3.15	9.300
Lumdale Butter Boy Ruth 220637, W. H. Lumley	205.6	4.52	9.290
Lady Aaggie Viola Clothilde 194443, L. H. Myers	281.6	3.22	9.086
La Grange Lady Pietertje De Kol 192933, Lyman Keeler	224.1	3.98	8.933
Fourteen-day record	428.2	4.00	17.145
Philpail Pietertje 208725, T. J. Daughenbaugh	250.4	3.47	8.696
Maplebrook Dione 4th 172440, Est. Geo. F. Blewer	252.7	3.43	8.682
Sadie Cornucopia Muzzy De Kol 164937, C. D. Fortnam	240.9	3.53	8.492
Aaggie Carlotta Fayne 194644, August Stocker	299.8	2.83	8.432
Flossie De Kol Beets 186029, Hugh Nisbet	239.6	3.51	8.405
Sadie Cornucopia Hillside 175198, G. Smith & Sons	267.0	3.13	8.347
Duchess Spofford 220549, Tanner & Tooke	202.5	4.08	8.259
Naiad Hengerveld De Kol 2d 181619, L. L. Lawson	255.4	3.20	8.170
Ovida Korndyke Queen 194971, C. J. Coye	291.3	2.79	8.119
Dewdrop Clothilde De Kol 2d, 175196, G. Smith & Sons	229.7	3.51	8.070
Sadie Cornucopia Florine Pauline 164936, C. D. Fortnam	237.5	3.36	8.003
Camilla Coye La Polka 191404, C. J. Coye	249.2	3.12	7.772
Fauline Hengerveld Gerben De Kol 194789, Ben, Schneider	255.6	2.97	7.595
Sunlight Maid 180425, Ben Schneider	248.1	3.03	7.509

MALCOLM H. GARDNER, Supt. of Advanced Registry.

CANADIAN OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS

April 16 to April 30, 1914

Name of Cow and Owner Mature Class	Milk Lbs.	Fat Lbs.	Butter 80% Fat
Alberta Maid 6428, Dr. L. de L. Harwood	698.4	24.25	30.32
Thirty-day record	2907.4	100.56	125.70
Toitilla De Kol Sarcastic 6189, J. W. Richardson	560.0	22.73	28.42
Lady Waldorf De Kol 4408, A. C. Hardy	655.4	22.56	28.20
Thirty-day record	2662.7	91.12	113.90
Teresa Sadie Vale 7468, T. W. McQueen	515.3	20.82	26.03
Forty-five-day record	3206.9	124.70	155.88
Sarcastic Lass of Riverside 7281, J. W. Richardson	511.2	20.29	25.37
Ianthe Jewel Posch 6821, Jas. Rettie	575.1	19.81	24.77
Pride of Aylmer 11679, Roy Nevill	462.8	19.17	23.96
Twenty-two-day record	1495.5	58.70	73.37
Canary Starlight Calamity 10310, J. W. Richardson	461.4	19.13	23.91
Maud Beets Segis 17442, G. F. Mahon	388.9	19.04	23.80
Nancy Wayne of Riverside 4th 6318, J. W. Richardson	466.9	18.71	23.39
Acme Sadie Pauline 2d 15422, Colony Farm	637.5	18.66	23.32
Lilith Pauline Calamity Jane 23945, J. M. Stevens	648.5	18.54	23.18
Thirty-day record	2732.4	77.06	96.33
Sarcastic Lass of Riverside 2d 12252, J. W. Richardson	495.0	18.35	22.94
Burke Hengerveld 9071, G. S. Gooderhan	377.0	18.33	22.91
Lynn River Clara 7006, J. Alex Wallace	420.4	17.81	22.29
Fourteen-day record	830.2	35.20	44.00
Thirty-day record	1772.8	72.35	90.43
Ella May Mercedes 8845, Peter S. Arbogast	452.2	17.68	22.11
Eunice Jane Posch 7032, J. Archer	489.2	17.43	21.78
Celestia Scott 2d 7767, W. H. Simmons	502.5	16.95	21.19
Johanna Hengerveld De Kol 11625, D. B. Tracy	532.3	16.83	21.04
Fourteen-day record	1051.8	32.69	40.86
Blanch Abbekerk Teake 10293, W. B. Poole	478.0	16.61	20.76
Queen May De Kol 11438, M. J. McKay	460.4	16.22	20.28
Fourteen-day record	883.7	31.46	39.32
Princess Gretqui De Kol 13192, Wm. S. Shearer	479.3	16.17	20.21

$350.00

For a pair of Holstein calves not of kin. Cows and bulls in pedigree:

	Lbs. But. in 7 Da.
Colantha 4th's Johanna	35.00
Betta Lyons Netherland	24.70
Blanche Lyons Netherland	34.36
Aaggie Cornucopia Pauline	34.32
Blanche Lyons De Kol	33.31

Hengerveld De Kol
King Segis
Homestead Jr. De Kol
Pietertje Hengerveld's Count DeKol

R. M. HARRIMAN Appleton, Wis.

$100.00 SON OF CHANGELING BUTTER BOY

Changeling Butter Boy is one of the coming sires; he already has over half a hundred A. R. O. daughters, some with records as high as 31 lb. His dam is a 29-lb. cow.

The dam of the calf is a 19.6-lb. granddaughter of Aaggie Cornucopia Johanna Lad Jr. She has never been dry.

Calf was born Oct. 27, 1913, is evenly marked, and a nice straight individual. Above price is for immediate sale.

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Granddaughters of King of the Pontiacs

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ADVERTISEMENT

Having made up my mind to substitute pure bred Holsteins, will sell the best herd of Grade Holsteins in the country. Fifty cows averaging 1400 lbs. of milk per month. Thirty-five Heifers and Yearlings. Will also sell ten Jersey cows and eight Jersey Fall calves. This is the bargain of the year. Write for particulars.

CASE DAIRY FARM
Waterloo - - - - - - Iowa

A SON OF THE $50,000 BULL

King Segis Pontiac Alcartra, heads our herd. His dam, Daisy Veeman Hengerveld, 29.14 lb. butter, is now on test and is expected to increase this record. We offer females bred to this sire.

We are offering a nicely bred yearling in calf to the $50000 bull.

J. H. PHELPS & SON
Cresdale Farm Vernon, N. Y.

To Dissolve the Partnership

between A. L. Smucker and myself, we must sell 14 extra well bred females none over four years old. Bred to proven Pontiac bulls. Priced to sell quickly. Come and see them.

A. HURSH Orville, Ohio

Mary F. Netherland 3d 8860, Roy Nevill	437.9	16.05	20.07
Thirty-day record	1860.6	67.23	84.04
Clothilde Lass of Maple Line 6015, Arbogast Bros	477.4	15.36	19.20
Happy Medium 2d 6082, E. C. Chambers	523.8	15.32	19.15
Lady Alice of Renton 10438, Wm. E. Mason	427.8	15.06	18.83
Daisy De Kol May 12228, Peter S. Arbogast	464.9	14.81	18.52
Carrie May Belle 12216, Jos. H. Laycock	407.8	14.61	18.26
Tidy Abbekerk Mercena Scott 13515, W. H. Simmons	398.2	14.49	18.11
Ruby Pauline Schuiling 10607, C. J. Pearce	448.0	14.44	18.05
Homestead Duchess of Maple Line 6014, Peter S. Arbogast	433.1	14.11	17.64
Senior Four-year-old Class			
Daisy Rooker Akkrum 12825, C. J. Pearce	506.7	20.23	25.28
Thirty-day record	2221.9	84.93	106.16
Gipsy Queen of Brigden 12230, Arbogast Bros	341.3	17.05	21.32
Flora Staple 12020, J. Alex Wallace	472.5	15.85	19.82
Thirty-day record	1863.0	64.56	80.70
Bessie Fern Leaf 12946, P. B. Nelson	500.2	15.50	19.37
Daisy Butter Girl Posch 13511, E. C. Chambers	432.0	13.25	16.56
Junior Four-year-old Class			
Milk & Butter Princess 14710, J. M. Stevens	450.5	15.94	19.92
Johanna Aaggie Luraine 15766, J. W. Richardson	365.4	13.89	17.36
Glenwood's Netherland Korndyke 13616, D. A. Grant	417.1	13.45	16.32
Princess Netherland Abbekerk 15172, T. J. Lammiman	396.5	12.35	15.44
Senior Three-year-old Class			
Della Rooker Pride 20278, P. B. Nelson	499.1	15.87	19.84
Mercedes Veeman Korndyke 15756, J. W. Richardson	422.3	15.35	19.18
Rosa Bonheur Mercena 17462, Jas. Rettie	355.6	14.96	18.70
Tidy Mercena Abbekerk 16686, W. H. Simmons	408.6	13.47	16.83
Bo-Peep X's Fairy Queen 18736, Jas. Rettie	399.7	13.45	16.82
Junior Three-year-old Class			
Alberta's Grace Fayne 18641, M. H. Haley	450.1	16.24	20.31
Fourteen-day record	855.5	31.49	39.36
Mercena Schuiling 5th 17467, Jas. Rettie	375.0	15.76	19.71
Wilhelmina of Rosarden 18708, Adam C. Park	417.4	14.80	18.51
Nina Tensen 16300, Wm. E. Mason	399.7	14.45	18.07
Victoria May De Kol 19249, Roy Nevill	386.3	14.34	18.04
Fourteen-day record	744.9	28.19	35.23
Miss Axie De Kol 19122, Arbogast Bros	343.0	11.75	14.69
Senior Two-year-old Class			
Pietje Inka De Kol 19304, A. C. Hardy	275.4	14.71	18.39
Thirty-day record	1354.3	58.86	73.58
Mercena Korndyke Pauline 23407, Geo. Hill	428.9	14.45	18.07
Pontiac Netherland Queen 19818, Roy Nevill	313.0	12.96	16.20
Fourteen-day record	621.8	24.78	30.98
Daisy Grange 17724, Wm. S. Shearer	395.2	12.57	15.71
Marcella Netherland De Kol 17334, Roy Neville	338.8	12.19	15.24
Fourteen-day record	666.5	23.48	29.35
Wayne Butter Girl 20775, M. J. McKay	354.7	11.73	14.66
Fourteen-day record	684.0	22.90	28.63
Lyndia Lockhart Ormsby 17858, A. C. Hardy	314.4	11.66	14.32
Millie Leigh Posch 18280, E. C. Chambers	381.8	11.59	14.48
Grace Mariah Calamity 20362, P. B. Nelson	386.6	11.32	14.15
Grace Gerben Omega 19914, B. Mallory	271.3	11.25	14.07
Flossie Korndyke Hengerveld 17590, Jas. A. Caskey	297.3	11.03	13.79
Oakland Queen's Daisy 21061, Jos. H. Laycock	298.5	9.41	11.77
Junior Two-year-old Class			
Lady Waldorf Pietje 22378, A. C. Hardy	520.7	20.22	25.28
Thirty-day record	1950.9	83.96	104.95
Belle Model Pietje 22377, A. C. Hardy	306.4	17.51	21.89
Thirty-day record	1402.4	68.53	85.67
Laura Netherland Aaggie 24340, Arbogast Bros	336.4	14.32	17.91
Daisy Ormsby Lass 22332, Arbogast Bros	357.2	14.07	17.59
Colantha Abbekerk Rose 21190, M. H. Haley	371.9	13.83	17.29
Fourteen-day record	719.8	27.34	34.18
Segis Inka Sylvia 19971, Dr. L. de L. Harwood	389.1	13.62	17.03
Thirty-day record	1595.0	54.47	68.09
Het Loo Rooney 29152, Dr. L. de L. Harwood	401.7	12.93	16.17
Thirty-day record	1735.0	53.83	67.29
Johanna Celestia Scott 20554, W. H. Simmons	386.9	12.86	16.07
Countess De Kol Calamity 19164, G. S. Gooderham	289.1	12.65	15.81
Fourteen-day record	597.9	24.28	30.36
Leilla De Kol Hartog 24782, W. C. Prouse	310.8	12.14	15.18
Princess Lulu 20705, T. L. Lammiman	292.2	12.06	15.07
Princess Canary Julia 20179, T. J. Lammiman	301.4	11.69	14.61
Maid Zozo De Kol 23491, James Rettie	330.0	11.46	14.50
Morningside Dorothy Wayne 23321, P. B. Nelson	392.4	11.24	14.05
Prilly Mercena Hartog 22948, T. W. McQueen	355.3	11.22	14.03
Thirty-day record	1432.6	46.97	58.71
Johanna Korndyke Mercedes of Riverside 21473, J. W. Richardson	282.5	10.64	13.31
Aaggie Netherland Mary 22726, Roy Nevill	320.7	10.57	13.21
Colony Jemima Wayne 26306, Colony Farm	384.2	10.39	12.98
Colony Sena J. Korndyke 20614, Colony Farm	307.3	10.24	12.80
Colony Vrouka Korndyke 21211, Colony Farm	307.2	10.23	12.78
Colantha Mercedes Tehee 21690, G. F. Mason	278.1	10.22	12.77
Lady Elgin Snowflake 24463, Peter S. Arbogast	260.0	10.05	12.56
Butter Queen Rosa 21838, J. W. Richardson	246.4	9.62	12.02
Betsy Fayne Segis 22564, T. J. Lammiman	314.0	9.47	11.84
Helen De Kol Hengerveld 21018, W. B. Poole	272.3	9.04	11.30
Miss Fayne Segis 22565, T. J. Lammiman	304.0	8.78	10.97
Iva Grace Fayne 23568, W. B. Poole	318.1	8.76	10.95
Toitilla Sarcastic of Riverside 2d 21463, J. W. Richardson	225.2	8.72	10.90
Baby Irene Hengerveld 21016, W. B. Poole	286.0	8.04	20.05

The seven and thirty-day Canadian records for junior two-year-olds are broken by two heifers by the same sire, Lady Waldorf Pietje with 25.28 lbs. in 7 days and 104.95 lbs. in 30 days, and Belle Model Pietje, with 21.89 lbs. and 85.67 lbs.

W. A. CLEMONS, Secretary.

CANADIAN SEMI-OFFICIAL RECORDS OF HOLSTEIN-FRIESIAN COWS

From April 16 to April 30, 1914

Mature Class	Milk Lbs.	Fat Lbs.	But. Lbs.
Lakeview Rattler 11364, Lakeview Farm	19155	655	831
Sena J. 2d 17731, Colony Farm	17022	550	687
Mistletoe 6929, F. Floyd, Jr.	15090	528	660
Shadeland Beets De Kol 11675, Colony Farm	18287	525	653
Daisy Wayne A. De Kol 6144, Walburn Rivers	13052	479	598
Daisy De Kol Wayne 7277, Walburn Rivers	13947	474	592
Duchess Boutsje De Kol 9397, Colony Farm	14571	467	583
Maid Eileen 6922, Jacob Wiedrick	13778	465	581
Polianthus Beauty De Kol 4461, W. E. McKillican	11422	394	492

Milford Meadows Stock Farm

HOLSTEIN-FRIESIANS

Favill Grove, Lake Mills, Wis.

Breeders of staple cattle from high producing families. Developers under normal conditions. This year's crop of bull calves from A. R. O. dams, sired by 29.55 lb. bull, he sired by 34.96 lb. bull. Descriptions of calves and dams sent on application to business office

122 So. Michigan Boulevard, Chicago

H. B FAVILL, Prop. H. W. FAVILL, Manager

HENGERVELD DE KOL—KORNDYKE BULL

Hengerveld De Kol Klaasje 82532, is a fine two-year-old bull, more white than black, nicely marked, richly bred. Sire —Hengerveld De Kol 3d, 46475.

7 or more A. R. O. daughters and considered the best individual son of the great Hengerveld De Kol. Dam—Klaasje Clothilde 5th, 76760.

534.3 lbs. milk, 25.97 lbs. butter in 7 days. One of the 57 A. R. O. daughters of Earl Korndyke De Kol, a brother to Pontiac Korndyke.

Price $150.

UNITED BREEDERS' ASSOCIATION, Wyalusing, Pa.

"Of the Breeders By the Breeders For the Breeders"

Handy Herd Registers (looseleaf)
Nothing better in its line.
Pocket Herd Guides
The owner and herdsman's friend.
Official Record Test Books
The best on the market
Envelopes for Registry Certificates.
Pedigrees and Catalogs compiled.
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LIVERPOOL SALE AND PEDIGREE CO.
Liverpool, N. Y.

BLUE BOOK

HOLSTEIN-FRIESIAN ADVANCED REGISTER YEAR BOOK—(BLUE BOOK)

This book of a thousand pages, the first complete compendium of Holstein-Friesian records published by the Advanced Registry Office, contains important information that will not be repeated in future volumes. It is, therefore, indispensable to the breeder who cares for a means of convenient access to the figures for all the official milk and butter records of the breed.

It contains a complete list of all sires, with all daughters that have been admitted to Advanced Registry from the commencement of official tests up to May 1, 1913, with their records. Also lists of the producing sons and daughters of such sires; a complete list of dams of two or more A. R. O. daughters ,the daughters' records and the producing sons and daughters of such cows; lists of twenty-five leading animals in each of the seven classes of the four prize divisions, price lists, lists of cows tested during that year with their records, etc.

A limited number of volumes still remaining. Price to members of the H.-F. Association admitted on or before June 2, 1913—$1.00; to all others—$2.00 prepaid.

Address—M. H. Gardner, Supt. of Advanced Registry, Delavan, Wis.

FOR SALE—6 cows for $1000.00. One 2 years old with A. R. O. record; one 3 years old; four of my foundation cows, nicely bred, nice individuals and large producers, from 9 to 11 years old, three of them bred to freshen this Fall to Colantha Capitola Prince, whose dam and two nearest dams of sire average 31.86 butter in 7 days. Also a few bull calves from A. R. O. dams by the same sire.

J. G. Horner Lamson, N. Y.

Wietske Aaggie Cornucopia 10217, Wm. Pollock	14321	393	491
Echo Pauline Hellener 12799, Wm. A. Shaw	12497	379	473
Katie De Kol Houwtje 9911, S. U. Tinkess	11172	368	460
Sena J. 3d 19732, Colony Farm	13001	360	450
Four-year-old Class			
Fremona 2d 10562, J. B. McColl	20215	649	811
Celia De Kol Posch 14882, Colony Farm	16786	554	692
Polly Woodland De Kol 10390, S. M. Peacock	13753	471	588
Jesse Inka Cornucopia 10166, Wm. Pollock	14044	393	491
Netherland Belle Wayne 11034, S. U. Tinkus	10322	352	440
Three-year-old Class			
Lakeside Model Pauline 14884, Colony Farm	12549	416	520
Bessie Corticelli Wayne 13514, George Alexander	10742	402	502
Jewel Belle Dewdrop 12992, John Johnson	11824	330	412
Two-year-old Class			
Alta Posch Beets Maid 14756, Parnham Allison	12888	424	530
Dolly Staple 15710, Wallace H. Mason	12041	378	472
Victoria Korndyke Pontiac 17005, Irving Hambly	9196	324	405
Belle De Kol Waldorf 16578, S. U. Tinkess	8483	313	391
Princess Susan 17810, Frank Lloyd, Jr.	8714	310	387
Marsella 18006, Jacob Wiedrick	8014	286	357
Lady Eileen Schuiling 18822, Jacob Wiedrick	8087	280	350
Jessie Veeman of Brookside 17695, W. L. Lambkin	7848	267	332

The four-year-old record of Canadian cows is broken by Fremona 2d with 20215 lbs. milk and 811 lbs. butter.

W. A. CLEMONS, Secretary.

CANADIAN OFFICIAL RECORDS
May 1st to May 15th, 1914.

Mature Class			
Wadmantje Canary 17736, Colony Farm	552.6	26.40	33.00
Celia De Kol Posch 14882, Colony Farm	543.9	24.10	30.12
Fourteen-day record	1019.6	45.65	57.06
Riverview Susie De Kol 12065, F. Hamilton	431.6	21.10	26.37
Canary Colantha Queen 11434, Geo. T. Prouse	428.6	20.92	26.15
Topsy Pietertje Soldene 15043, P. J. Salley	630.2	19.57	24.46
Fourteen-day record	1286.6	38.80	48.50
Marjorie Pride 10574, Geo. T. Prouse	439.4	19.33	23.91
Quidee Pauline Lilith 10078, J. M. Joyce	541.9	18.33	22.91
Pansy 3d's Victoria 7130, F. Hamilton	381.7	17.74	22.17
Bessie Spink's Princess Clothilde De Kol 4330, T. W. McQueen	489.0	17.64	22.06
Fourteen-day record	1456.6	50.52	63.15
Daisy Tensen Posch 11148, J. Alex	510.7	17.11	21.39
Fourteen-day record	1050.3	33.58	41.97
Daisy Albino De Kol's Duchess 4239, Walburn Rivers	453.9	15.63	19.53
Fourteen-day record	916.6	29.27	36.59
Bonheur Belle 11155, F. Hamilton	423.7	14.99	18.74
Clinton Aaggie 14203, John McRae	444.9	14.69	18.36
Clinton's De Kol Lily 10916, John McRae	450.9	14.59	18.23
Mechthilde's Jewel De Kol 4982, J. Alex Wallace	427.6	14.50	18.13
Evangeline De Kol 9049, Tig. Wood	519.6	14.14	17.68
Senior Four-year-old Class			
Posch Mercedes Springbank 2d 15197, T. H. Dent	578.7	18.97	23.72
Junior Four-year-old Class			
Duchess Wayne Calamity 2d 15514, Walburn Rivers	576.3	23.43	29.28
Fourteen-day record	1118.3	45.71	57.13
Zarilda Clothilde 3d De Kol 14887, Colony Farm	817.4	23.10	28.87
Thirty-day record	3304.8	92.03	115.00
Senior Three-year-old Class			
Clyde Queen De Kol 16852, Geo. T. Prouse	416.7	17.98	22.47
Johanna Rue Indulge 19799, John McRae	502.1	15.81	19.77
De Kol May Queen 20584, John McRae	369.2	12.31	15.39
Junior Three-year-old Class			
Canary Topsy Soldene 18031, P. J. Salley	514.2	16.78	20.98
Fourteen-day record	1000.9	32.82	41.02
Alice Pietertje Schuiling 2d 18559, Tig. Wood	486.0	12.97	16.21
Senior Two-year-old Class			
Rosa Dorliska 18819, David Caughell	465.8	15.32	19.15
Favorit De Kol Clyde 21779, Geo. T. Prouse	245.3	10.36	12.96
North Star Clothilde Beets 30051, Colony Farm	352.5	9.72	12.15
Junior Two-year-old Class			
Braeburn Queen De Kol 21979, Benj. H. Thompson	482.0	16.33	20.44
Aaggie Posch Mechthilde 22170, Walburn Rivers	375.9	13.48	16.85
Forest Ridge Segis Nellie 22612, L. H. Lipsit	393.4	12.39	15.49
Twenty-one-day record	1110.7	36.40	45.50
Forest Ridge Segis Bessie 22611, L. H. Lipsit	315.7	11.75	14.69
Fourteen-day record	630.1	23.00	28.75
Forest Ridge Segis Orpha 22610, L. H. Lipsit	251.5	11.50	14.38
Alice Pietertje Schuiling 3d 23820, Tig. Wood	336.2	11.32	14.15
Helena Burke Korndyke 22493, Stewart Craven	339.9	10.73	13.41
Molly Mercedes 24020, David Caughell	352.5	10.66	13.32
Forest Ridge Segis Gladys 22613, L. H. Lipsit	226.9	10.47	13.09
Twenty-one-day record	766.4	29.34	36.67
Forest Ridge Segis Lauretta 22603, L. H. Lipsit	213.3	10.16	12.70
Twenty-one-day record	687.7	28.17	35.21
SPECIAL TESTS MADE AT LEAST EIGHT MONTHS AFTER CALVING			
Bos Korndyke 18867, J. A. Joyce	315.4	9.87	12.33

For the first half of May reports of the official tests of thirty-eight cows and heifers were received and accepted for entry in the Record of Merit. No records were broken for fat production, although two thirty-pound cows are found in the mature class, viz.: Wadmantje Canary, with 33.00 lbs. butter and Celia De Kol Posch with 30.12 lbs. Leading the junior four-year-olds is Duchess Wayne Calamity 2d with 29.28 lbs. butter and standing second is Zarilda Clothilde 3d De Kol with 28.87 lbs. This cow breaks all Canadian records for milk for one day, seven days and thirty days with 123.90 lbs.; 817.40 lbs. and 3304.80. In the other classes the most noteworthy is the record of the junior two-year-old, Braeburn Queen De Kol with 20.44 lbs.

W. A. CLEMONS, Secretary.

VALLEY VIEW STOCK FARM

Offers a bull calf born Nov. 14, 1913. Dam of calf, a 19-lb. junior 2-yr-old with a 76-lb. 30-day record. She is a granddaughter of KING OF THE PONTIACS. The sire, a grandson of King Segis, has a 31.63-lb. average for his two nearest dams. For price write

S. B. TAYLOR, CANASTOTA, N. Y.

WETHERSFIELD HERD OFFERS

4 HOLSTEIN FRIESIAN 4

Bull Calves

2 to 7 months old, from 17 to 27 lb. A. R. O. dams. Sire is brother to World's Record Junior 4-year-old. He has 18 A. R. O. Daughters and one son with 7 A. R. O. 2-year-old daughters (2 above 20 lbs.)

Address

Dudley P. Rogers Danvers, Mass.

27-LB. SON OF PONTIAC KORNDYKE

Sir Beets Korndyke No. 91212, is our herd sire. We offer several of our older cows in calf, to him for less than their next calves will be worth.

Here is your chance to raise a high-class herd.

Address

W. B. DODDS & SON
No. Hero, Vt.

THE
HOLSTEIN-FRIESIAN WORLD
comprises from
24 to 40 pages
and is
PUBLISHED WEEKLY
The 1913 volume
contained over
600 ILLUSTRATIONS
of the
GREAT ANIMALS
OF THE BREED
Price per year (52 numbers)
is $1.00.

King Pontiac Calypso
53420

We consider the best bred, best individual and best developed son of his sire, King of the Pontiacs.

Just six years old, King Pontiac Calypso has already a 31 78-lb. junior 3-yr-old daughter. Twelve of his fifteen tested daughters, of which only four have reached 3 years of age, average 21.81 lbs. butter in 7 days, all testing 4% fat or better. No four-year-olds are tested as yet.

In my herd are ten daughters of King Pontiac Calypso, all of which are excellent 30-lb. candidates.

I have for sale a son of "KING" ready for service out of a 32-lb. junior 4-yr-old granddaughter of King Segis. Also a bull calf out of a 21-lb. cow, and a bu calf out of a 23-lb. daughter of "KING" sired by King Lyons 3d. Also for sale a 2-mos.-old heifer calf sired by a grandson and out of a granddaughter of King of the Pontiacs.

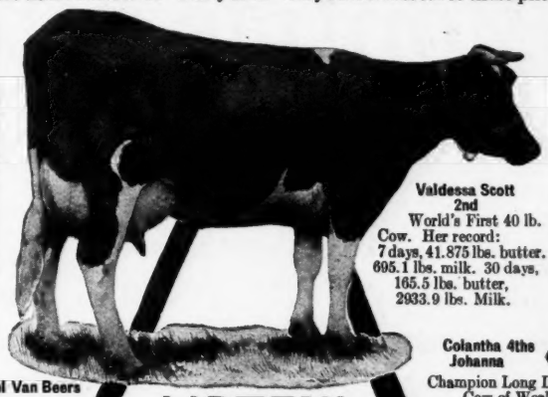
Services of King Pontiac Calypso and two of his best sons to approved cows.

S. R. Clark
Onondaga Valley, N.Y.

STARS OF THE MILKY WAY

Hail to the STARS OF THE MILKY WAY. Five wonder cows of the dairy world. Read the marvelous record breaking achievements of these five great "Queens of Dairydom." Get the facts of their wonderful performances in the letters of their fortunate owners. Let these wizards of "Dairydom" tell you the secrets of these phenomenal achievements.

BROOKLINE FARMS
Home of Johanna De Kol Van Beers
Hampshire, Ill., Dec. 8th, 1913
Quaker Oats Co., Chicago, Ill.
Gentlemen—Replying to yours of Dec. 1st., regarding **Schumacher Stock Feed,** will say as a feed for dairy cows or young cattle I know of no feed equal to **Schumacher.** It certainly contains all the ingredients that are necessary to put the finish and gloss on an animal and more than that, the results obtained thru the pail makes it the cheapest feed that I have ever fed. To any one feeding cattle for show, I would especially recommend **Schumacher.**
Yours truly, T. E. Getzelman.



Valdessa Scott 2nd
World's First 40 lb. Cow. Her record: 7 days, 41.875 lbs. butter. 695.1 lbs. milk. 30 days, 165.5 lbs. butter, 2933.9 lbs. Milk.

Here's What Her Owner Says
FINDERNE STOCK FARM
Finderne, N. J.
The Quaker Oats Co.,
Chicago, Ill.
Gentlemen:—During the past two or three years we have been feeding your **Schumacher Feed** and have secured splendid results. **Schumacher** was incorporated in the ration of Valdessa Scott 2nd during her wonderful result producing test. Yours truly,
B. MEYER, Owner.

Johanna De Kol Van Beers
World's 2nd 40 Pound Cow
Her record: 7 days 663 lbs. milk 40.32 lbs. butter.

Colantha 4the Johanna
Champion Long Distance Cow of World.
Her official record 365 days is 27432.5 pounds milk.

LISTEN!

Since the owners of these "record breaking cows" and the following other leading dairymen of the country find that it pays to use **Schumacher Feed,** you too will profit by making this remarkable feed the base of your ration: E. H. Dollar, T. H. Russell, Cole Bros., F. P. Knowles, Woodlawn Farms, F. J. Bristol & Sons Co., R. E. Chapin & Son. These are only a few of the many that are using **Schumacher Feed,** but those mentioned will give you an idea of the high character of feeders who are using **Schumacher Feed.**

Read What Former Owner of Johanna De Kol Van Beers says:
James M. Anderson
Breeder of Thoroughbred Holstein-Freisian Cattle
Crumhorn Stock Farms
Pompton Plains, New Jersey,
March 28, 1913
The Quaker Oats Company,
Chicago, Ill.
Gentlemen:—We have been using **Schumacher Stock Feed** for several years. It will no doubt interest you to know that "**Schumacher**" formed part of the ration fed **Johanna De Kol Van Beers** during her recent test when she broke the world's record for 60 days, 90 days and 100 days.
The variety of products in **Schumacher Stock Feed** makes it most valuable in the dairy ration.
Very truly yours,
(Signed) **Frank Raycraft,**
Manager.

Schumacher Feed

Is the feed of world's champions because it is the feed that makes world's champions. It supplies the most important part of the ration; namely, the maintenance part. It keeps cows in the pink of condition, so that they can produce steadily their maximum results. It counteracts the ill effects of the high protein feeds.

Therefore, helps you to secure the greatest good from the high protein feeds. As this feed is composed of the best feeding parts of corn, oats, barley and wheat products, it is composed of the variety of grains most desirable for the feeding of cattle. The feed is relished keenly by the animal. They thrive on it, improve in condition and increase their milk yield. The feed is scientifically blended, finely ground and thoroughly kiln dried.

Try This Feeding Plan Now Mix three parts of **Schumacher** with one part any good high protein concentrate you are now feeding, such as cotton seed meal, gluten, distillers' grains, oil meal, Blue Ribbon Dairy Feed or other high protein grain mixtures and note the improved results.

Springdale Stock Farm—
Home of Colantha 4th's Johanna
The Quaker Oats Co.
Chicago, Ill.
Gentlemen:—Replying to yours of the 3rd, we are making **Schumacher Feed** one-third part of our herd ration and we are getting results. Several of our cows are milking up to over 75 lbs. per day with this part of our grain ration.
Yours very truly,
W. J. GILLETT,
Rosendale, Wis.

Cedar Lawn De Kol Johanna
Half Sister of Johanna De Kol Van Beers. Her record at 2 years, 2 months, 25.8 lbs. butter in 7 days.

Dutchland Changeling Colantha Lad
Champion Junior 3 year old.
Milk, 21239 lbs. 13 oz.
Butter, 946 lbs.

"We have been feeding **Schumacher Feed** for a number of years and ordered another car for part of our grain ration this year and like it very much. We raised the cow Johanna De Kol Van Beers (the world's second 40-lb. cow), that was sold for $7000.00 and also the heifer Cedar Lawn De Kol Johanna that made 25.8 lbs. butter in 7 days, 707.93 lbs. in 365 days, at 2 years, 2 months of age. Hoping that you can always supply us with feed,"
Yours truly, C. A. SCHROEDER & SON,
per H. F. Schroeder, West Bend, Wis.

Dutchland Farms
Fred F. Field Holstein Co., Brockton, Mass.
Montello Station—309 Battles Street.
Brockton, Mass., March 15, 1913.
The Quaker Oats Company, Chicago, Ill.
Gentlemen:—Your **Schumacher Stock Feed** has scored another big success as our new world's champion Junior three year old heifer Dutchland Changeling Colantha Lad is being fed this food as part of her grain ration. Her stable mates, Dutchland Colantha Vale and Dutchland Colantha Mona are also being fed same ration and will have world's records in the near future.

Dutchland Changeling Colantha Lad has just completed ten months of her year's test making a record of 846.6 pounds of butter fat and has broken the former world's record of 639. lbs. of butter fat for twelve months production.

Dutchland Changeling Colantha Lad and her stable mates, Dutchland Colantha Vale and Dutchland Colantha Mona are daughters of Colantha Johanna Lad, who is a son of Colantha 4th Johanna, who until very recent had held the world's record for both the butter and milk production. Several other daughters of Colantha Johanna Lad will be heard from in the near future.

Yours truly,
Fred F. Field Holstein Co.

Write us to-day if your dealer does not handle Schumacher Feed

The Quaker Oats Company Chicago, U. S. A.

Spring Farm King Pontiac 6th

Remember the Name and what it stands for.

He is a bull you will be hearing about for some time. If you don't know all about him, write us for the booklet.

Just now we are offering, three nice well bred young bulls, ready for summer and early fall service. Good ones at very moderate prices.

Lots of cows and heifers for sale, bred to Spring Farm King Pontiac 6th. Sixty heifers between ten months and two years out in pasture now. Come and look them over.

We want to do business with you.

HENRY STEVENS & SON

Brookside Stock Farm
Lacona, N. Y.

(Established 1876) **(175 Head)**